

FOREST GARDEN RESIDENCES ONLINE RESERVATION SYSTEM  
QUEZON, BILAR, BOHOL

College of Technology and Allied Sciences  
BOHOL ISLAND STATE UNIVERSITY  
Zambo, Bilar, Bohol

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June 2022

**FOREST GARDEN RESIDENCES ONLINE RESERVATION SYSTEM  
QUEZON, BILAR, BOHOL**

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A Thesis  
Presented to the Faculty of the  
College of Technology and Allied Sciences  
**BOHOL ISLAND STATE UNIVERSITY**  
Zamora, Bilar, Bohol

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In Partial Fulfillment  
Of the Requirements for the Degree  
Bachelor of Science in Computer Science

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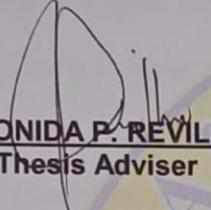
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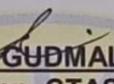
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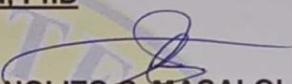
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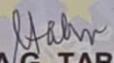
This thesis entitled, "Forest Garden Residences Online Reservation System Quezon, Bilar, Bohol" prepared and submitted by *Mil Jane I. Bucag, Neil Kavin T. Adlawon, and Jean M. Jariolne*, in partial fulfillment of the requirements for the degree Bachelor of Science in Computer Science has been examined and recommended for acceptance and approval for oral defense.

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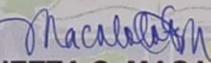
  
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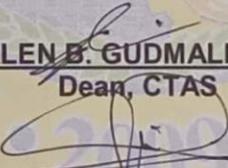
  
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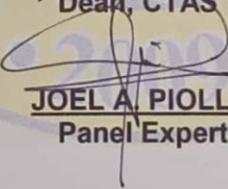
  
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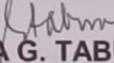
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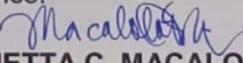
  
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## **ABSTRACT**

The study aimed to develop an online reservation system of Forest Garden Residences in Quezon, Bilar, Bohol. Currently, the establishment uses manual processes in reservation of amenities. The establishment has lack of system in the management particularly on keeping and storing the record which lead to misplacement, duplication of information, longer time in the retrieval of information and updating, and time-consuming in generation reports. The information was gathered through; analyzing the processes in acquiring amenities; identifying the problems of existing system; and transactions management system; and measuring the level of acceptability of the user's perspective by the target users. The identified problems and issues lead the researchers to come up a solution which secures the reservation data and information to prevent loss or misplacement, ease of access and timely generation of tabular and graphical reports. Based on the identified needs, Online Reservation System of Forest Garden Residences are developed with the following modules. Administration, Acquisition, Reservation, Payment of Bills, and Generation of Reports. During the testing and implementation, system and web usability questionnaire was used for evaluation. The results revealed and average weighted mean of 4.64 with an interpretation of "Excellent". The results gave positive feedback as to web usability that had improved the reservation of amenities, record management efficiency and fits the requirements and expectations of the client. Thus, implementation of the Online Reservation System of Forest Garden Residences is highly recommended.

## Chapter 1

### THE PROBLEM AND ITS SCOPE

#### Rationale

Nowadays, information about anything is within reach. The online world is fast approaching that every companies has its own websites or its own online service. And one of better known online services is the Online Billing and Reservation System, which most hotels, restaurants and resorts wish to have. This system provides immediate communication between the company and its customers and clients wherever they are. Customers and clients can reserve in a fast and efficient way that can eliminate their long travel just to get a reservation slot (Capstoneguide, 2020). We cannot deny that we are now in much more technologically improvement and especially for business, shifting from manual process to automation and computerize (Fhatima, 2012).

The Forest Garden Residences is located in Quezon, Bilar, Bohol, an astounding soothing residence excellent for stress relief. The business was previously known as "Belgium," but the name was later referred as "Forest Garden Residences" emphasizing the owner's commitment to preserving the establishment's natural green beauty, which is why they wanted to alter the name to reflect the establishment's primary objective. The residence is also an ideal place for families, couples, or individuals to enjoy the beauty of nature and especially the comfortable accommodations. The breathtaking nature scenery, the delectable food, and the heart-warming hospitality are the heart of Forest Garden,

and every guest will love staying in touch with it. It is a dwelling that values and preserves its natural surroundings the most.

Currently, the manual technique of Forest Garden Residences employed causes issues such as amenities available being written solely in the notes app on the tablet, calendar, logbook, or any piece of paper, which leads to duplication of information, time consuming, and difficulties in report preparation. Furthermore, the establishment's advertisement and promotion consists solely of tarpaulins, a Facebook page, and other such tactics.

With reference to the identified problems, the researchers aim to develop an Online Reservation System for the Forest Garden Residences in Quezon, Bilar, Bohol, a website that provides information that features the accommodations available; its details, amenities offered, and reservation and by giving them the ability to reserve online and pay online through GCash. Optimization of website is applied for its promotion and advertisement not just locally but to go on globally.

### **Literature Background**

The development of the computerized system was anchored on Article XIV, section 10 of the 1987 Philippines Constitution which states that:

“Science and technology are essential for national development and progress. The State shall give priority to research and development, invention, innovation, and their utilization, and to science and technology education, training, and services. It shall support indigenous, appropriate, and self-reliant scientific and technological capabilities, and their application to the country’s productive systems and national life.”

According to this article, the State should acknowledge the role of technology in nation building, such as the use of computerization to promote and advance tourism by improving service delivery in hotels, restaurants, pension

houses, and resorts. To meet the problems of today's world and to boost the country's economy, enterprises must be connected with computer technology. The built website must be capable of providing reliable information to site visitors as well as accepting accurate reservation data from clients into the database. The system must also be adaptable to minor changes, as it will be used as a Forest Garden Residence advertising medium.

In the design of the system, it applies basic theories that are required to conceptualize the study. The concurrency control theory of Pekka Kilpelainen (2001) is used in the development of the system. It ensures that correct results for concurrent operations are generated while obtaining those results as rapidly as possible. It also provides rules, methods, design processes, and theories to preserve the consistency of components working concurrently while interacting, and hence the overall system's consistency and correctness. Introducing concurrency control into a system entails imposing operation limits, which often result in some performance degradation. Operation consistency and accuracy should be achieved with as much efficiency as feasible, without lowering performance below acceptable levels. This approach is very useful in the creation of the reservation and management system of Forest Garden Residences in order to have a good timetable and avoid conflict in reservations.

Transaction processing theory. According to this theory, transaction is a logical unit of database processing that includes one or more access operations (read-retrieve, write-insert, or update, delete), or it is a study of a set of operations, each transaction must succeed or fail as a complete unit it cannot remain in an

intermediate state. Transaction processing is designed to maintain a database integrity in a known, consistent state by ensuring that any operations carried out on the system that are independent are either all completed successfully or all cancelled successfully (Elmasri & Navareth, 2007). A website or an online reservation system must be capable of providing restricted information to site visitors. The system must also be adaptable, and we employed Transaction Processing Theory to build our research.

There are some existing related systems that can be utilized as a reference. Among the significant studies for system development are:

1. Dilhani, H. M. (2015) Web Based Reservation System for Amalya Reach Holiday Resort in Sri Lanka. Allow management to develop an effective and efficient reservation system using global information technology. The system was created as a web-based solution with the primary purpose of allowing clients to make online reservations from anywhere in the world. The reservation system was created with Amalya Reach Holiday Resort's basic requirements in mind. The method allows visitors to the website to make reservations and pay for their purchases online. Reservations can be changed or canceled with conditions. Also, give hotel workers with real-time information and the process of managing reservations. The solution meets the basic requirements of the Amalya Reach Holiday Resort. The system's proposed modules were successfully developed.
2. Sanjeevani, L. P. R. (2015) Online Reservation System for Siyanra Beach Resort in Sri Lanka. The web-based reservation system was

designed to address the shortcomings of the manual approach and to make the reservation process more effective and efficient. Local and international guests can make reservations of their choice in a very convenient manner from any location, saving time. The reservation system is online. This solution will help the main interface for guests to book rooms. It also covers the administration procedure of changing data for the system's packages. One of the system's most useful features is the ability to quickly generate reports on room availability.

3. Hilton Cebu Resort and Spa this hotel's online reservation system in Punta Engano, Mactan Island, Cebu, Philippines checks to see if the customer already has a reservation. If the customer has already made a reservation at that hotel, they will be given a confirmation code to input. The proponents' technology also includes a database that can determine whether a customer already has an account. Making an account will also make it easier for the customer to cancel or reschedule their reservation.
4. Boracay Grand Vista Resort and Spa in Hagdan Yapak, Station 1, Boracay Island, Aklan, 5608. The Boracay Grand Vista Resort and Spa features a reservation system that can be accessed online. It entails scheduling, booking facilities and rooms, providing guest information, and confirming that guests are certain to reserve some rooms. Customers do not need to register an account if they wish to go to the resort or to make a reservation. Reserving resort facilities and rooms is one of the suggested system's similarities. In contrast to the suggested

system, the consumer must create an account in order to make or cancel a reservation. Making an account will assist the company in safeguarding the customer's personal information and allowing the company to track repeat consumers.

5. Haven & Gardens Documentation hotel reservations in New Calceta Street Cogon District, 6300 Tagbilaran, Bohol. This must be the solution to a number of problems with the hotel's existing performance. It also improves the time-consuming method of attracting clients, such as the use of printed materials and documents as a medium of 11 Reyna's the Haven & Gardens Online Hotel Reservation advertisement. It will assist in the provision of information globally through the use of a website, providing clients with the information they require. Making online reservations and information must be a huge assistance to hotel management.

The development system feature varies depending on the related systems mentioned above. The developed study is a website that covers the features of fast advertisement and reservation of amenities in Forest Garden Residences, and it is very useful and upgraded. Since the system provides amenities, the existence of related systems and the development system has differences such as features and information.

## THE PROBLEM

### Statement of the Problem

The study aimed to develop an Online Reservation System of Forest Garden Residences in Quezon, Bilar, Bohol.

Specifically, the research sought to answer the following questions:

1. What are the current operations and processes in the management of services and reservation in Forest Garden Residences?
2. What are the needs in the operations of reservations in Forest Garden Residences?
3. What is the possible solution for the problems encountered?
4. What is the system acceptability as perceived by the target user?

The proposed system is to be called the Online Reservation System and it will integrate the processes involved in Forest Garden Residence, Quezon, Bilar, Bohol. Online Reservation System is developed the following features:

1. Integrate an online system mechanism to use one centralized server for the manager/owner of the Forest Garden Residence;
2. Design and implement the following modules:
  - a. Acquisition
  - b. Reservation
  - c. Payment
  - d. Administration; and
  - e. Reports

3. Implement business intelligence technique for decision support to the Forest Garden Residence Online Reservation.

### **Scope and Delimitation of the Study**

This study focused only on the management of the current process in the reservation management of Forest Garden Residence amenities. The following features are included in the development of the system:

1. Online Mechanism - This feature acts the management of the needs and requirements of the client. These provide tools for centralizing one server to be used by the manager or the front desk.
2. Acquisition – This process encompasses the recording of new check-in and walk-in client transactions, as well as the search and integration of client information with the billing amenities available.
3. Reservation - The process involves the reservation made by the client via online and walk-in.
4. Payment - This involves the automated computation of client payments and charges incurred by the client during their stay.
5. Administration - This function manages users, collects reservation information, updates and maintains system utilities, amenities management, privileges, and security.
6. Reports - The system provides enterprise reporting. It will provide graphical reports of room daily income report, room monthly income report, menu daily income report, menu monthly income report, and tabular report of pool list reserved.

The study was limited only to the standard operation and procedures on the management of reservation. The user of the system was limited to the manager/owner and front desk of Forest Garden Residences.

### **Significance of the Study**

The development of Forest Garden Residences' Online Reservation System would benefit the following individuals and the establishment:

**Manager/Owner.** The system would help the manager/owner to ensure the protection of the clients' records, including the reservation of accommodations services and the accurate generation of reports.

**Front desk.** The system would help the front desk on the timely retrieving of data, computing of the client payments and generation of reports.

**Clients.** The system would help provide the clients with timely and accurate information about the availability of amenities offered, as well as accurate reservation.

**Researchers.** This would serve the researcher to have an additional knowledge and improve the skills that would help them to finish the study.

## **RESEARCH METHODOLOGY**

### **Development Framework**

The conceptual diagram of the Forest Garden Residences study is shown in Figure 1. It includes the specification of the system's basic operation, which represents the work of the manager/owner, front desk, and clients who will have reservations. It depicts the study's model, which follows the input-process-output

principle. Acquisition, Reservation, Payment, Administration, and reports are all part of the processes. The output helps the manager/owner make decisions.

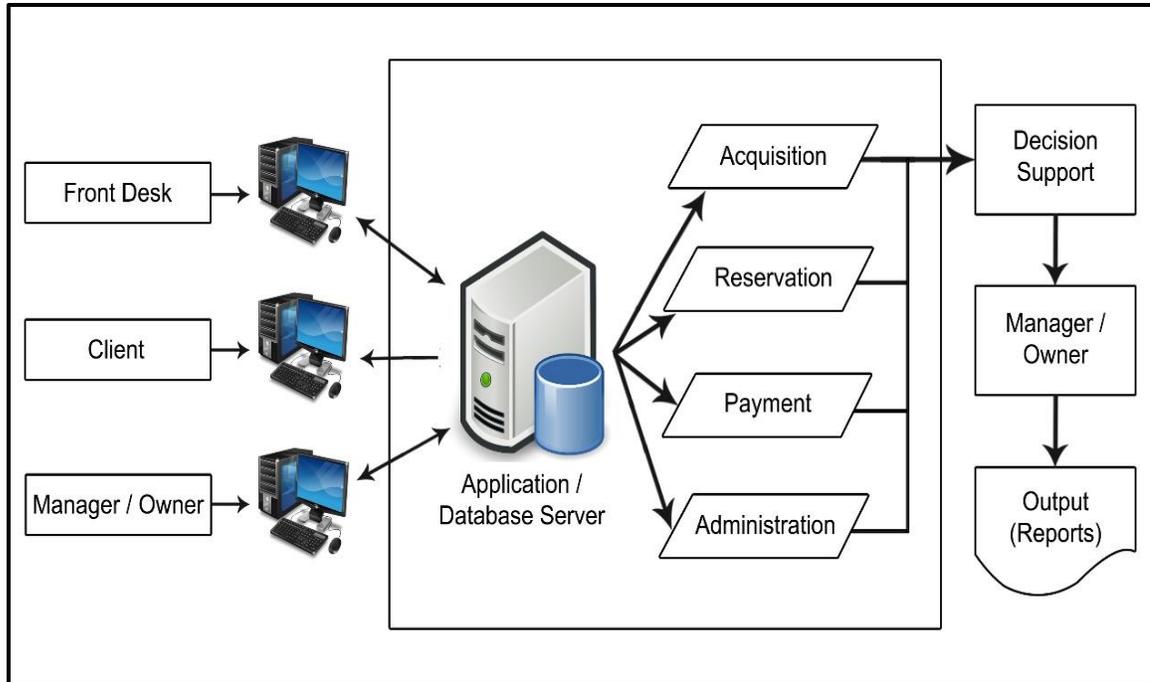


Figure 1. Conceptual Diagram of the Study

Figure 2 shows the block diagram of the online reservation of Forest Garden Residences in Quezon, Bilar, Bohol. It specifies the core functionality of the system as it relates to the work of the manager/owner and front desk. It offers functions to clients who inquire, reserve, and browse information online.

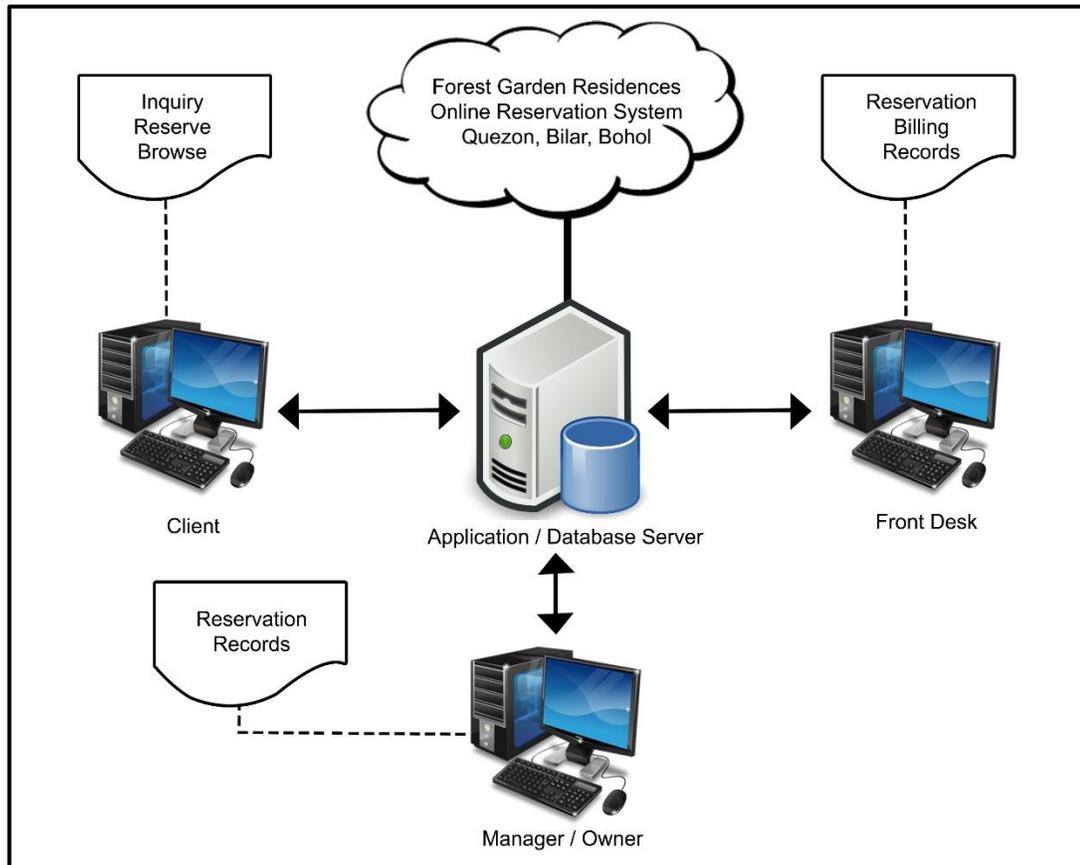


Figure 2. Block Diagram of the Study

### Development Model and Approaches

The methodology used by the researchers is the Rapid Application Development (RAD). It is a development model that prioritizes rapid prototyping and quick feedback over long drawn out development and testing cycles. With rapid application development, researchers can make multiple iterations and updates to a software rapidly without needing to start a development schedule from scratch each time. If the clients do not know what they want and cannot articulate it, prototyping is an appropriate method for acquiring functional requirements. It is preferable to create a prototype so that people can get a firsthand look, see, and

feel of the current system, making it much easier for users to convey their wants and desires.

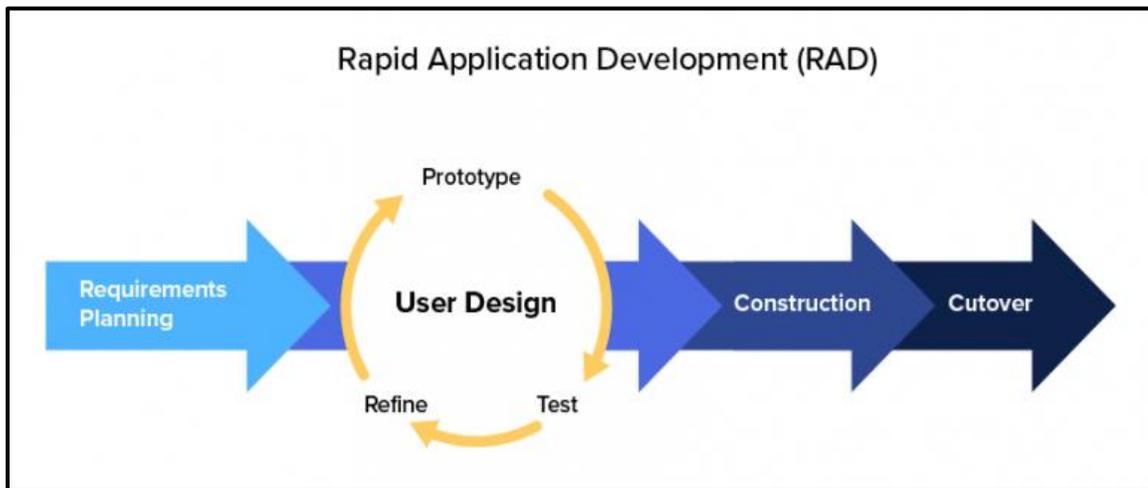


Figure 3. Rapid Application Development (RAD) Diagram

The development process follows the stages enumerated below with the corresponding activities taken:

- a. Analysis and quick design – In the analysis and quick design stage, before the researchers thought of solving the problem, the current procedure was studied before planning the design and started working on major changes. When developing software, researchers must first comprehend the problem that the product will address. The researchers must understand the system's characteristics, functions, behavior, and performance in order for the program to be successful. The design phase explains how the solution will function. The architecture of the program is now built once the structure of the software has been validated by management. The major goal of this step is to determine the system's expected requirements.

- b. Prototype cycles – Sublime Text was used as the scripting language, as well as the server-side scripting language and in the generation of the reservation details. Sample data was entered into databases created with MySQL to help with testing and debugging. Following that, the programming process began with the creation of codes based on the specifications. Data validation and error trapping were incorporated into the system as typical programming procedures. The database management system utilized for the centralized data storage in the development of the Online Reservation System of Forest Garden Residences in Quezon, Bilar, Bohol was Microsoft SQL Server 2000.
- c. Testing – Testing is an important part of the software development process. The main goal is to find software flaws. Regular testing is required for high-quality produced work. Testing is a process that must be carried out throughout the product life cycle. It is also an important source of feedback. Testing should not be done at the conclusion of the software development process because it can be hazardous. Rather, it must be completed on time throughout the stage. The system was tested to see if the interfaces between functional units work together, if the system operates on the stated platform and with the needed volume of data, and if it fits the user's needs.
- d. Implementation – Another crucial step in the software development process is system implementation. Following the testing step, which included numerous adjustments based on feedback from users of the developed system, an evaluation was conducted to see whether the system fully satisfies the needed outline and is error-free. The system was presented for a trial run and

demonstration at the business prior to the study's pilot testing, with the audience consisting of the software's authorized users. The software's implementation was rated "excellent" in our opinion.

The following were the tools used in the development and analysis phase of the Forest Garden Residences Online Reservation, Quezon, Bilar, Bohol.

1. **WAMP** – WampServer is a Web development platform on Windows that allows you to create dynamic Web applications with Apache2, PHP, MySQL and MariaDB. Alongside, PhpMyAdmin allows you to manage easily your databases. It is used to create a database server for the development of online reservation system of Forest Garden Residences.
2. **PHP** – is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML. Open source web developer uses to manage the queries in the database in the creation of the online reservation system.
3. **Bootstrap** – is a free and open source front end development framework for the creation of websites and web apps. The Bootstrap framework is built on HTML, CSS, and JavaScript (JS) to facilitate the development of responsive, mobile-first sites and apps for the develop system.
4. **CSS** – Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS helps to keep the

informational content of a document separate from the details of how to display it that is advantage in creating the online reservation system in Forest Garden Residences.

5. **Sublime Text** – is a free source code editor and notepad replacement that supports tabbed editing which allows working with multiple open files in single windows. It is used to edit PHP scripting language that is used in making the online reservation systems.

### **Environment and Participants**

The study was conducted at Forest Garden Residences, Quezon, Bilar, Bohol. It is approximately 38.5 kilometers away from Tagbilaran City. It was owned by Ms. Joanne Cacinillio. The establishment has two (2) personnel, the manager/owner and the front desk. The Forest Garden Residences offered amenities such as pool, jacuzzi, restaurant, and rooms for reservations. There are currently two (2) rooms available, room 1 and room 2, each of which can accommodate up to five people. Because there are more spaces in the establishment, the owner plans to add additional rooms in the future. It is better to have more rooms so that more people may enjoy their comfortable accommodations. Due to the pandemic, there is less face-to-face interaction between clients at the Forest Garden Residences, which has an impact on the number of visits by client. It currently has a monthly average of 50 clients.

To get the specific information needed in the development of the system, the manager/owner and front desk will be personally interviewed and it also

involves a document review to understand further the processes and procedures of the present operation as well as the observation.

### **Data Collection**

The researchers made a letter request and asked the manager/owner of the establishment for approval to conduct a study. Personal interview, document review and observation was conducted to gather the needed information like the reservation process, payment and reports. It was conducted to the manager/owner and the front desk to gather information about the present processes of Forest Garden Residences, and the information provided was written. In the personal interview, interview guide questions are used to ask the respondents about operation and processes in Forest Garden Residences including the problems encountered.

In the document review, soft and hard copies of files are evaluated used in the recording and reservation of the guest. Observation of the establishment's present processes was made to get more oriented and knowledgeable on the current reservation process.

In the web usability, the web usability questionnaire was used as an instruments to determine the perception of the target user as to its web accessibility. The testing and evaluation were performed to determine the general acceptability of the system. Performance evaluation of the system was expressed in terms of the web usability, the front desk and the manager/owner are the participants during the evaluation of the system.

On the other hand, the respondents for the web usability involves 30 persons. These respondents were the manager/owner, front desk, 6 IT Experts and 22 clients. Table 1 shows the summary of respondents in the web usability.

Table 1

Summary of respondents in the System / Web Usability

N = 30

<b>Respondents</b>	<b>No. of Respondents</b>
Manager/Owner	1
Front Desk	1
IT Experts	6
Clients	22
<b>Total</b>	<b>30</b>

In the web usability, operation and features of the system are presented to all possible users. After the orientations and hands-on activities, a questionnaire was provided to assess the level of web usability and acceptability. The respondents were given enough time to rate the number items in the adapted questionnaire. Table 2 and Table 3 show the guide for the interpretation of the results in the web and system usability.

Table 2

Interpretative Guide of the Web Usability

<b>Weight</b>	<b>Range</b>	<b>Description</b>	<b>Interpretation</b>
5	4.3 – 5.0	Excellent	The respondents find the application to be excellent with regards to web usability.
4	3.5 – 4.2	Very Good	The respondents find the application to be very good with minor inconsistencies and aesthetics.

3	2.7 – 3.4	Good	The respondents find the system to be good with non-critical errors causing confusion.
2	1.9 – 2.6	Fair	The respondents find the system to be fair having serious problems that need high priority fix.
1	1.0 – 1.8	Poor	The respondents find the system poor with severe problems.

To determine the acceptability of the system, the average weighted mean score was computed to evaluate/assess the system acceptability level using the following formula.

$$WMS = \frac{1f_1 + 2f_2 + 3f_3 + 4f_4 + 5f_5 + 6f_6 + 7f_7}{n}$$

Where:

- WMS = Weighted Mean Score
- $f_1$  = frequency of respondents given a rate of 1
- $f_2$  = frequency of respondents given a rate of 2
- $f_3$  = frequency of respondents given a rate of 3
- $f_4$  = frequency of respondents given a rate of 4
- $f_5$  = frequency of respondents given a rate of 5
- $f_6$  = frequency of respondents given a rate of 6
- $f_7$  = frequency of respondents given a rate of 7
- $n$  = total number of respondents
- 1, 2...7 = constant (rating to the service provided)

Table 3

## Interpretative Guide of the System Usability

<b>Weight</b>	<b>Range</b>	<b>Description</b>	<b>Interpretation</b>
7	6.4 – 7.0	Strongly Agree	The respondents strongly believe and confident that the system is very usable.
6	5.5 – 6.3	Agree	The respondents believe and confident that the system usable.
5	4.6 – 5.4	Tend to Agree	The respondents tend to agree that the system is usable.
4	3.7 – 4.5	Neither Agree or Disagree	The respondents' neutral in trusting that the system is usable.
3	2.8 – 3.6	Tend to Disagree	The respondents tend not to trust the system is usable.
2	1.9 – 2.7	Strongly Disagree	The respondents believe that the system is not usable.
1	1.0 – 1.8	Disagree	The respondents strongly confident that the system is not usable.

## OPERATIONAL DEFINITION OF TERMS

The terminologies used or mentioned in this study were further defined operationally.

**Client.** The tourist or customer that Forest Garden Residences and the one who avails its amenities offered. In the study, clients are one in benefit because the online reservation process is intentionally made for them.

**File.** A notetaking application in the iPad that the manager/owner used to record the amenities availed by their clients.

**Forest Garden Residences.** It is the establishment where the study is conducted. It is what the study is all about.

**Front desk.** An employee in-charge of recording the amenities availed by the client and computing their payments. It is responsible for answering the inquiries of the client.

**GCash.** Online money transfers used by the system for the payment of reservations serve as electronic alternatives to paying with manual paper methods, such as checks and money orders.

**Manager/Owner.** The manager/owner oversees all aspects of activity, including reservation and amenities management, as well as administrative duties.

**Online Mechanism.** This provides the official website of the establishment in which the client may access it to get information about the services it offers, reservation process and payment.

**Online Reservation System of Forest Garden Residences.** A system design and created to provide a convenient process of reservation and advertising the Forest Garden Residence.

**Researchers.** The people who gathered all the data needed for the study and development of the Online Reservation System of Forest Garden Residences in Quezon, Bilar, Bohol.

**Reservation.** It is the information made by the client via online, walk in and phone calls.

**Services.** The accommodations and services offered by the establishment.

## **Chapter 2**

### **PRESENTATION OF FINDINGS, ANALYSIS AND INTERPRETATION OF DATA**

#### **Existing Process and Operation**

The Forest Garden Residences is still using the manual method to process reservations and client information. The residence provides the following services: a jacuzzi, a pool, food, and rooms. Reservation inquiries can only be made at Forest Garden Residences. The front desk or manager/owner is in charge of all services provided to clients as well as the payment.

#### **A. Amenities Inquiry**

Clients who wish to use the amenities must inquire with the front desk or manager. The client inquiry is made via phone call, messenger, or comments in Facebook page, or by personally visiting the establishment. Clients can inquire at the front desk about available rooms and other amenities. The front desk can check the calendar or the notetaking app in the tablet where the reservations are attached to see what rooms and other amenities are available.

#### **B. Reservation of Amenities**

Clients can make reservations by visiting the establishment, phone call, using Messenger, or through comments in the Facebook page. The front desk or manager double-checks all transactions recorded and computed in their record book or the notetaking app in the tablet as well as the availability of rooms. The front desk collects the necessary information, such as name, contact number, home address, email address, total number of clients and date of reservation, and estimated time of arrival at residence, which is written in a logbook or on a piece

of paper and attached to the calendar. The reservation is made by the client through visitation or phone calls and is approved automatically. If a reservation is made, the front desk writes it into the record book or enter it to their tablet.

### **C. Check-in/ Check-out**

Clients will inform the Forest Garden Residences front desk upon arrival, and the client must pay half of the payment or the full amount before checking in. Following that, the client will receive the room key. The client must return the room key to the front desk and pay the bill, after which the front desk marks the client as paid and labels the room as available in the record book or tablet.

### **D. Cancellation of Reservation**

When clients wish to cancel their reservation, they must inform the front desk or the manager in person or by phone. If the client does not arrive within their estimated reservation time, the down payment will not be refunded, and the front desk will look for the client's information in the record book or tablet and cancel the reservation. The reservation note will then be removed from the calendar. The rooms they have available will then be available for new reservations. The same procedure applies to other amenities provided.

### **E. Payment of Bills**

Before checking in, the client must pay at least half down payment or full of the payments to the front desk for their reservation. The room key and the official receipt will act as the entrance ticket upon check-in. The clients must return the key to the front desk upon checking out. The front desk double-checks the check-out information in the record book or tablet.

## F. Generation of Reports

The front desk is the one who created the monthly income report and yearly income report by reviewing the record book. The reports are submitted to the owner/manager for approval and cash keeping, along with the client's record, official receipts, and cash.

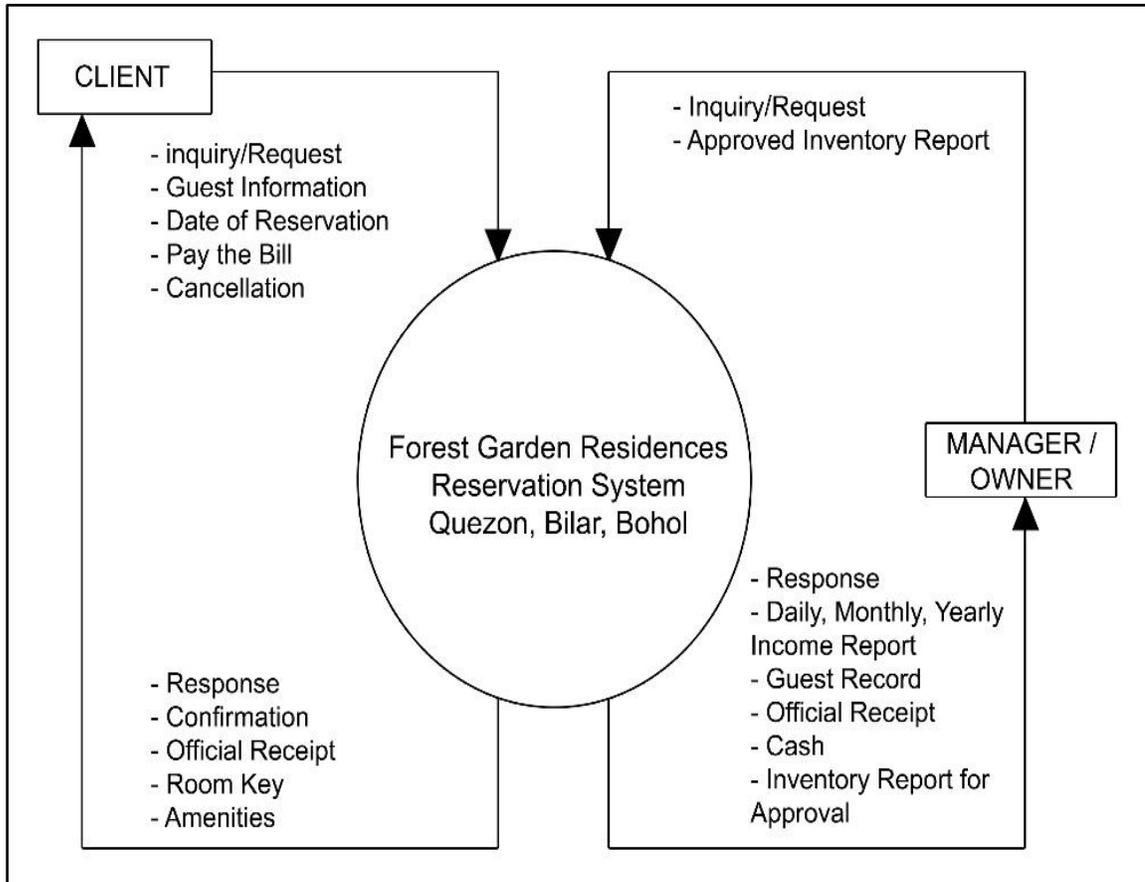


Figure 4. Conceptual Diagram of the Present System

## Event Specification

Event list of the present system:

- A. Amenities Inquiry
- B. Reservation of Amenities
- C. Check-in / Check-out
- D. Cancellation of Reservation
- E. Payment of Bills
- F. Generation of Reports

## Present Event List Diagram

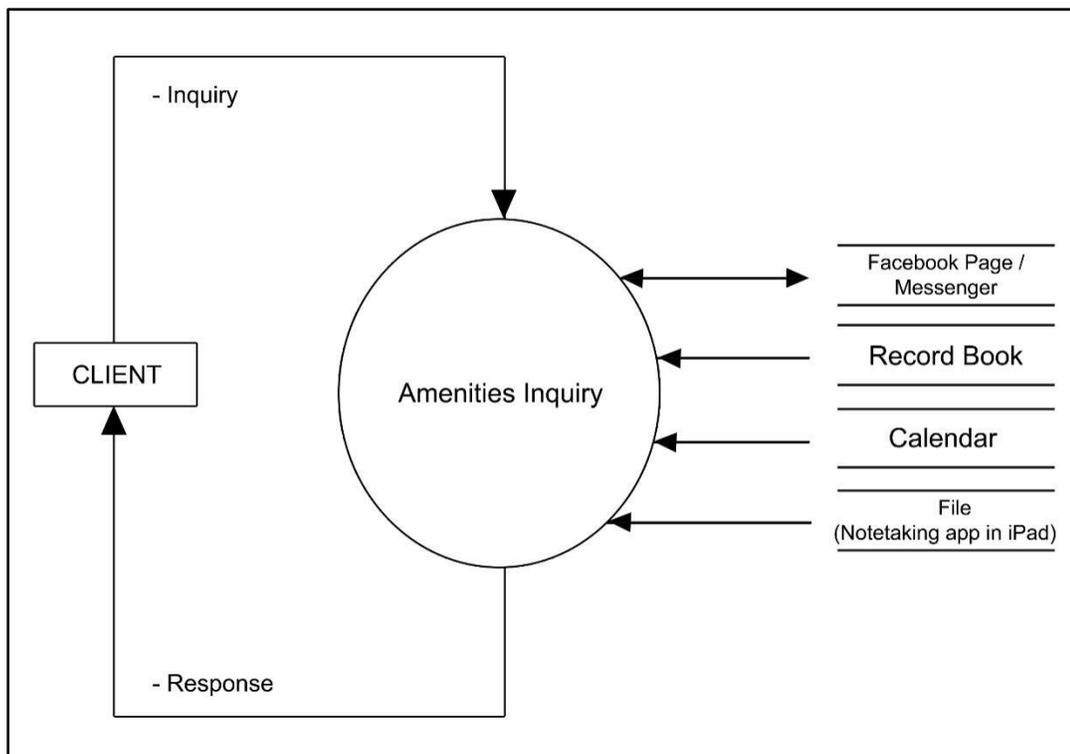


Figure 5. Amenities Inquiry (Event 1)

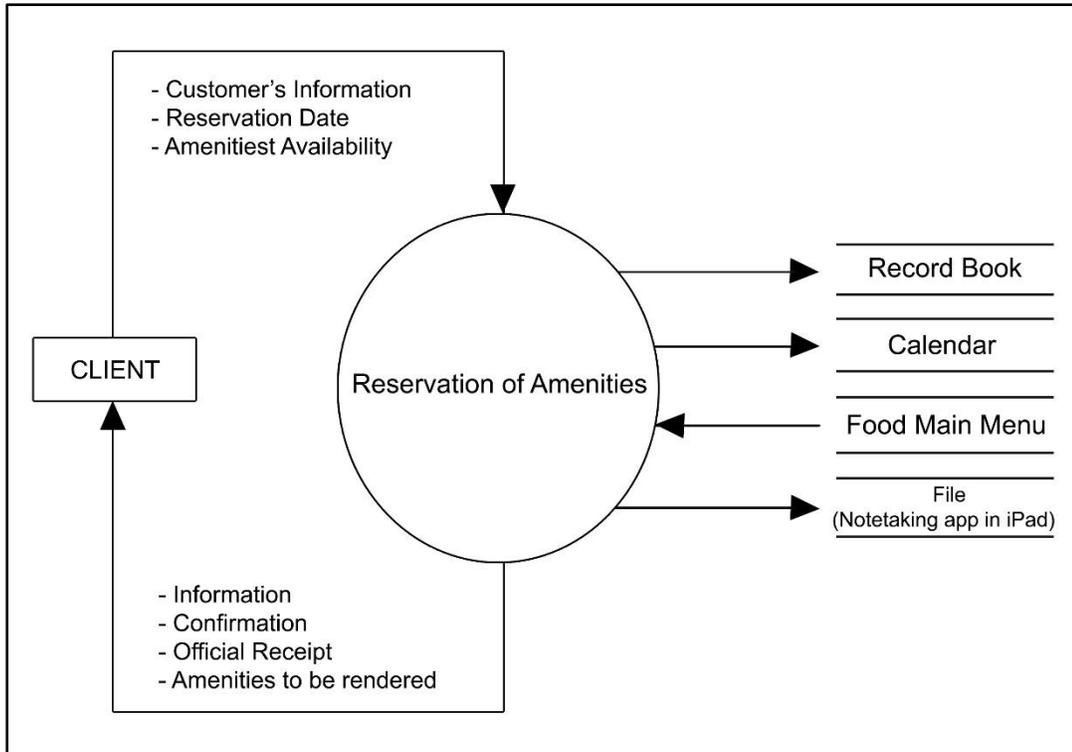


Figure 6. Reservation of Amenities (Event 2)

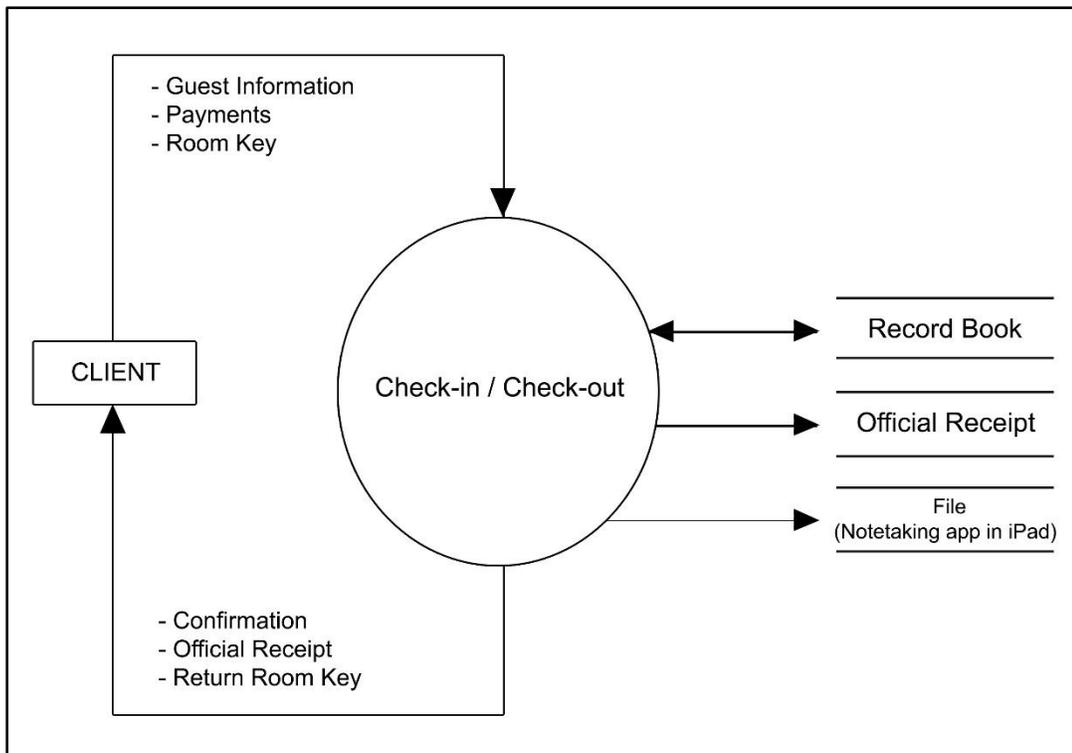


Figure 7. Check-in / Check-out (Event 3)

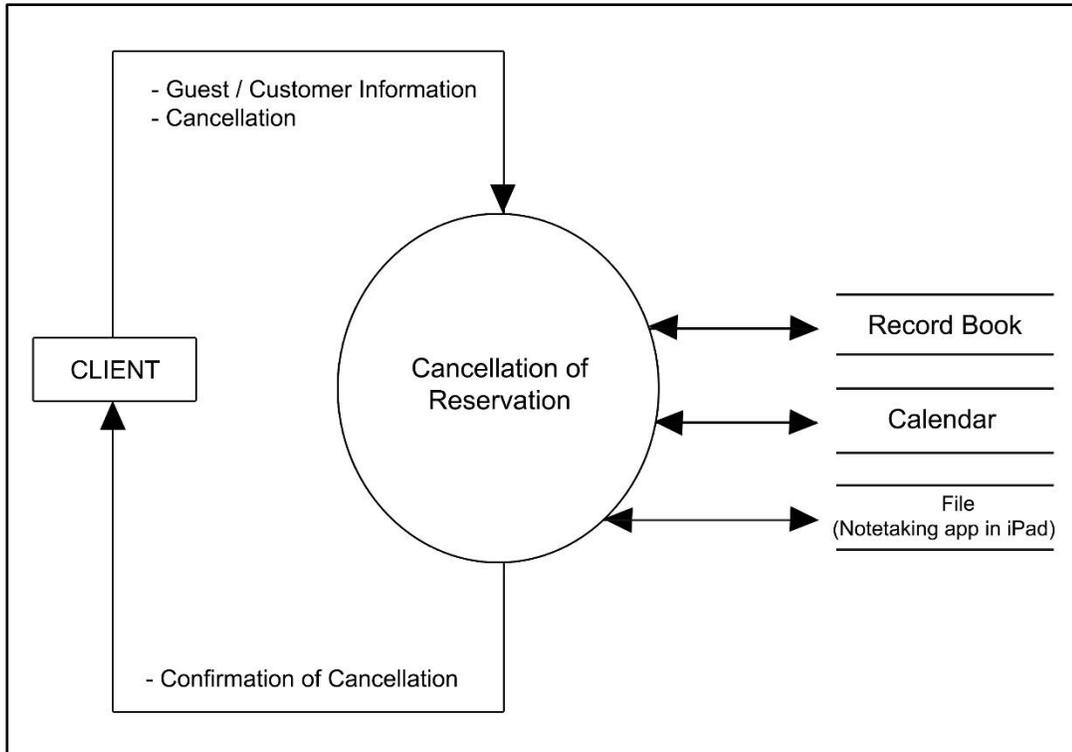


Figure 8. Cancellation of Reservation (Event 4)

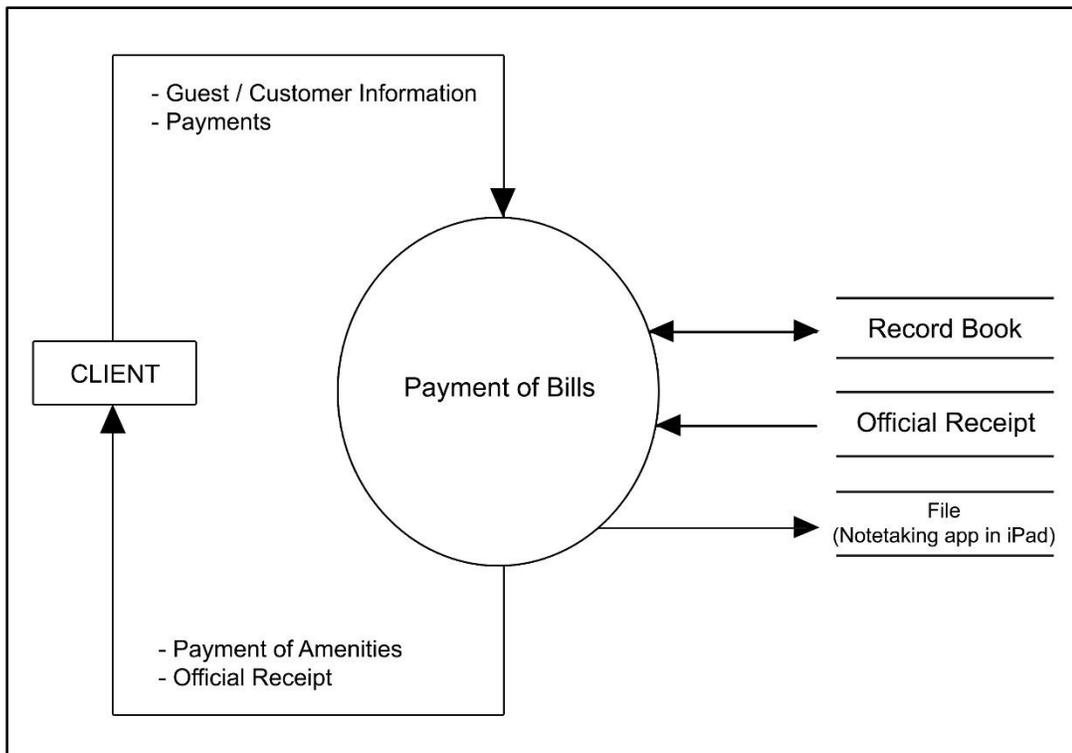


Figure 9. Payment of Bills (Event 5)

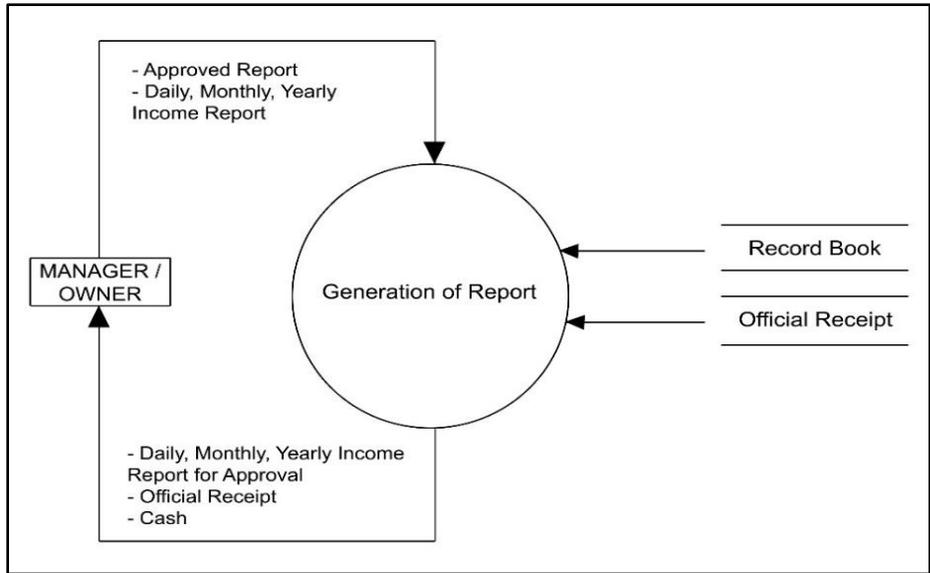


Figure 10. Generation of Report (Event 6)

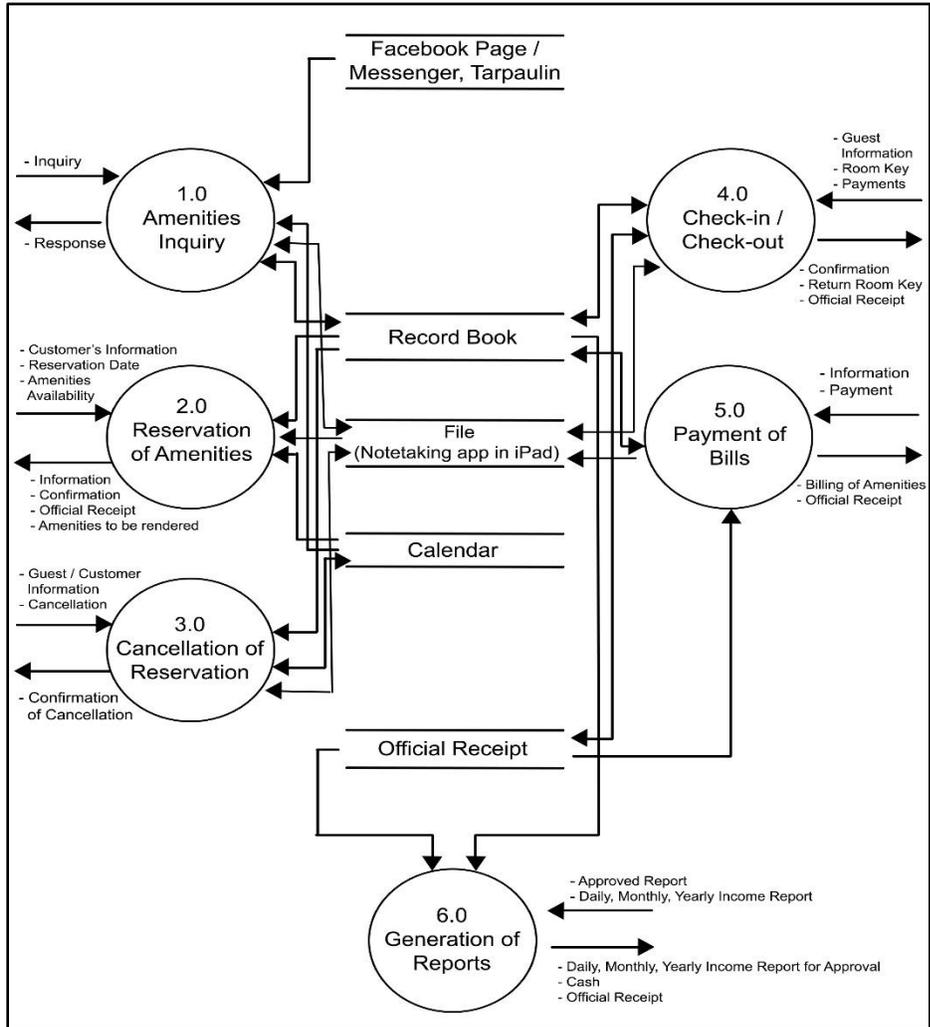


Figure 11. Top Level of the Present System

## **Needs of the Existing Operation**

The present system still employs the manual method, which needs to be improved. Based on the observations, the researchers discovered the following needs.

1. Computerized operation in Forest Garden Residence to prevent losing duplication and misplacement of data.
2. Expand the reach of the advertising approach and promote Forest Garden Residences' amenities in a more straightforward, convenient, and efficient manner.
3. Clients have the access of paying their payments online via GCash.
4. Secure database containing the client's data and information, which will be used for effective and efficient data administration.
5. The system has the ability to generate reports using tabular and graphical information.

## **Forest Garden Residences Online Reservation System, Quezon, Bilar, Bohol.**

Based on the information gathered from the present system, the researchers proposed Forest Garden Residences Online Reservation System, Quezon, Bilar, Bohol, which covers online advertisement, reservation, and client monitoring. The system provides a simple and efficient reservation process, as well as data storage and retrieval. Only authorized personnel with the ability to use and control the system have access to the system.

## **A. Administration**

To ensure the system's security, a log-in module with a username and password is created to identify the system's authorized user. Access is given if the username and password match. The database table user stores the user's information. The system is fully accessible to the manager/owner and the front desk.

## **B. Acquisition**

If a client's wants to inquire about amenities online, they can do so by visiting the Forest Garden Residences website. The client can view the accommodation types, room rates, and other residence amenities on the homepage. On the homepage's navigation bar, a menu titled "Accommodations" is presented; if a client wants to see all of the featured rooms and other amenities, simply select the menus beneath the "Accommodations" displayed on the navigation bar. Clients who wish to use the amenities given to walk-ins must contact the front desk by phone or by visiting the establishment.

## **C. Reservation of Amenities**

Reservations can be made by visiting the Forest Garden Residences website. When a client will reserve a room, the client will select their preferred check-in and check-out dates, then click the button and after that another form will appear showing the available rooms that the client will choose, then click the "Reserve Now" button and a summary of the chosen room, the payment, and the reservation terms and conditions will appear, then click the button a pop-up message "I agree on Terms and Conditions of the Forest Garden Residence" will

appear, click “OK” and after that personal information sheet to be filled-up will be displayed. After entering all necessary information, the client must click the “Submit” button and a note of confirmation will appear.

When a client will reserve a pool, the client will click the reserve button and the client will select their preferred date, then a reservation form to be filled-up will be displayed, after entering all necessary information, the client must click the “Submit” button and a summary of the client information, the payment, and the reservation terms and conditions will appear, then click the button pop-up message “I agree on Terms and Conditions of the Forest Garden Residence” will appear, click “OK” and a note of confirmation will appear.

When a client will reserve a food, the client will browse at the menus page and choose their desired food, then click reserve now button and another page will appear, the clients will choose their menus to be ordered, input the quantity of the menu and the client’s name, then the client must choose the payment method and type of order before submitting it. Then, a form will appear showing the summary of the client’s ordered and the payments.

Meanwhile, walk-in clients who want to avail the amenities must inquire to the front desk. Upon receiving the clients, front desk will ask the clients information such as the dates, type of amenities, and client details. The front desk will input the said information into the system. To complete the registration of the client, the front desk must click the “Reserve” button and a note will appear that the client is already reserved. All data entered and save will be stored in the database table.

When a client wants to cancel the reservation, the client must have to contact the front desk or the manager/owner of the residence. The front desk will go to the "Status" on the admin dashboard menu and there is an action name on the table where it resides to the certain client who want to cancel their reservation and click "Cancel" and it will be successfully canceled but as the policies of the residence if the client cancel their reservation the residence will not give refund to the clients. Once the process is complete the rooms that have been reserved will be available again. If the clients do not arrive at the exact reservation time for 24 hours the front desk will automatically cancel the reservation and the amenities availed will be available again for new reservation.

For Check-out process, before checking out the clients the front desk must educate the client about the bills so that the client will be aware on what they're about pay and after that the administrator will go to the "Status" on the admin dashboard and there is an action name on the table and find the name of the client in the table and click "Check-out" button so the client is officially and successfully checked-out of the residence.

#### **D. Payment of Bills**

When a reserved client checks in, they must show proof of payment, such as a photo of their online transaction or the reference number of the GCash, and the front desk will confirm their reservation, handing over the room key and the official receipt, which serves as the entrance ticket. The client must return the key to the front desk when checking out. To mark the visitor checked-out on the

system, the front desk goes to the "Status" button and finds the table name "Action" and clicks the check-out.

The client will pay for their bills through GCash either half or full payment. The full payment will either be done before or after receiving the food or after using the pool. They must show some proof of payment, such as a photo of their online transaction or the reference number of the GCash and the front desk will give the official receipt of the clients.

#### **E. Generation of Reports**

The following reports will be generated from the database: graphical reports of room daily income report, room monthly income report, menu daily income report, menu monthly income report, and tabular report of pool list reserved. Client's feedback is one of the features of online reservation wherein clients can rate stars and post some comments or suggestions about their visitation at Forest Garden Residences.

## Use Case Diagram

A use case diagram is a graphic depiction of the interactions among the elements of a system.

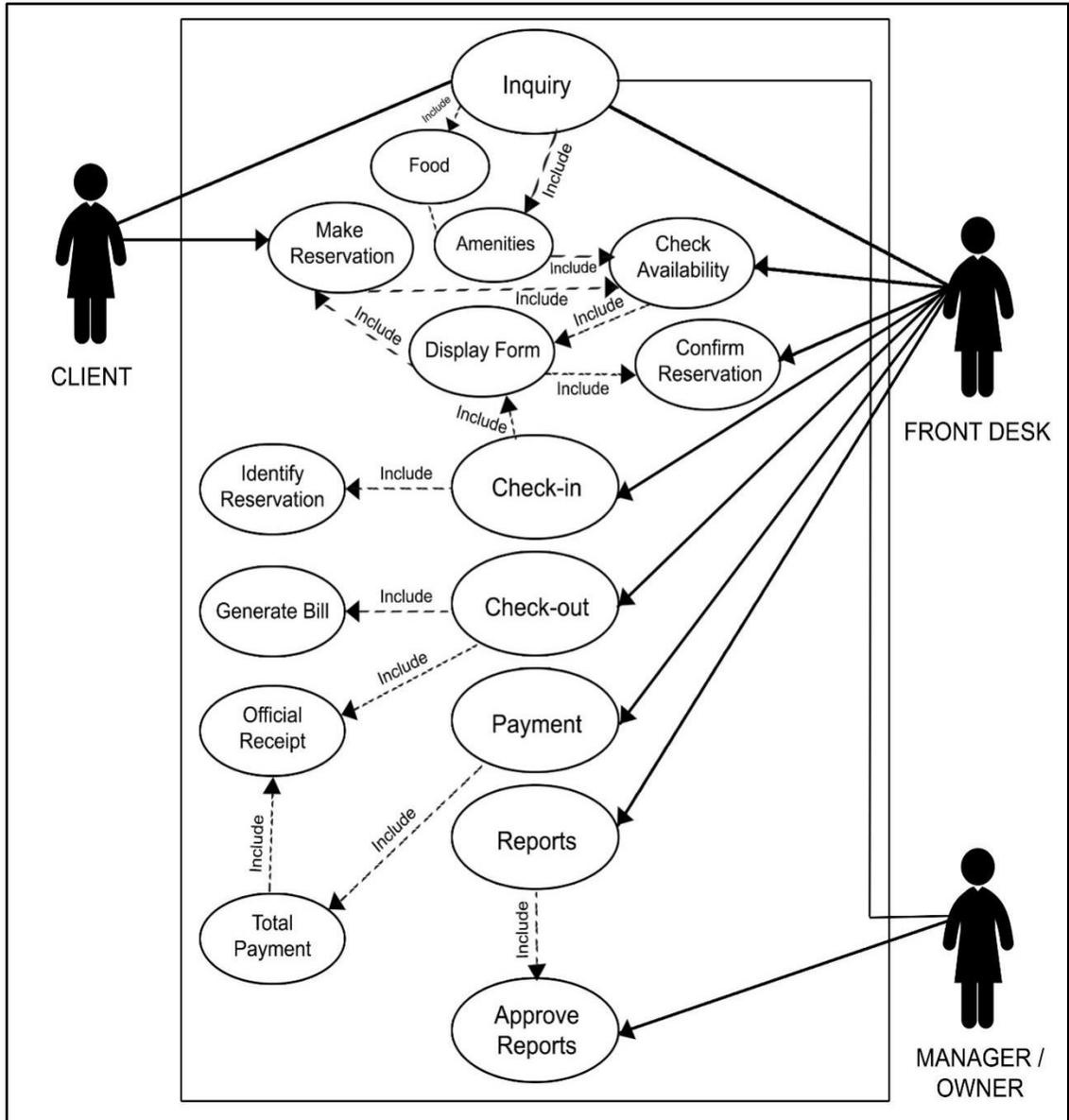


Figure 12. Use Case Diagram of the System

## Use Case Narrative

### Use Case 1 Narrative – Inquiry

Use case Name	Inquiry
Description	This use case allows clients to inquire and check the amenities and food availability in order to reserve to the system. The system accepts client's inquiry.
Primary actor	Client
Secondary actor	Front desk, Manager/Owner
Include Use Case	1. Amenities and Food 2. Check amenities and food availability
Extend Use Case	Decline
Precondition	1. The clients must visit the website.
Main flow	1. The clients click the reserve now button 2. The clients select dates to check the amenities and food availability 3. The system validates the amenities and food availability 4. The system verifies the amenities and food availability 5. The system displays the available amenities and food
Alternative flow	2. a) No amenities and food available 1. System display "No available amenities" message and "No available food" 2. Use case resumes at main flow step 1.

### Use Case 2 Narrative – Reservation for Amenities

Use case Name	Reservation for Amenities
Description	The use case allows the clients to reserve the amenities available in the system. The clients must fill .....

	up the necessary forms in every steps in reserving and wait for the confirmation.
Primary actor	Client
Secondary actor	Front desk, Manager/Owner
Include Use Case	1. Amenities Availability 2. Amenities
Extend Use Case	Decline
Precondition	3. The clients must inquire in the system. 4. System must have available amenities.
Main flow	1. The clients clicks the Reserve Now button 2. The system display the selection of dates 3. The client will choose the available rooms 4. The system display the summary of the clients chosen room 5. The client must agree to the terms and conditions in the residence to reserve the amenities 6. The clients submits the filled-up reservation form 7. The system validates the selected dates 8. The front desk confirm the reservation 9. Repeat step 1 to 4 for reservation rooms.
Alternative flow	5. a) Amenities not available 1. System displays No Rooms will be displayed 2. The system prompts for selected dates 3. Use case resumes at main flow step 1

### Use Case 3 Narrative – Reservation for Food

Use case Name	Reservation for Food
Description	The use case allows the clients to reserve the food available in the system. The clients must fill up the necessary forms in every steps in reserving and wait for the confirmation.
Primary actor	Clients
Secondary actor	Front desk, Manager/Owner

Include Use Case	1. Food Availability 2. Food Menus
Extend Use Case	Decline
Precondition	3. The clients must inquire in the system. 4. System must have available food.
Main flow	1. The clients clicks the Reserve Now button 2. The client will choose the available food menus 3. The clients submits the filled-up reservation form 4. The clients will view the transaction summary 5. Repeat step 1 to 4 for reservation of food menus.
Alternative flow	5. a) Food not available 1. System displays No food menus will be displayed 2. Use case resumes at main flow step

#### Use Case 4 Narrative – Check-in/out for Walk-in Clients

Use case Name	Check-in/out for Walk-in Clients
Description	This use case allows the system to check-in and out the walk-in clients.
Primary actor	Clients
Secondary actor	Front Desk, Manager/Owner
Include Use Case	Verify check-in/out
Extend Use Case	Clients can checkin/out to the establishment
Precondition	1. Clients must visit the establishment

Main flow	<ol style="list-style-type: none"> <li>1. The front desk select dates from the system</li> <li>2. The front desk checks the amenities and food availability</li> <li>3. The system validates the amenities and food availability</li> <li>4. The system verifies the amenities and food available</li> <li>5. The clients must choose the amenities and food available</li> </ol>
	<ol style="list-style-type: none"> <li>6. The system display the summary of the clients chosen amenities and food</li> <li>7. The clients must provide their information details to the front desk or manager/owner</li> <li>8. Clients pays the bill</li> <li>9. The front desk gives the room key</li> <li>10. Clients already checked-in</li> <li>11. Front desk verifies the check-in/out</li> <li>12. Use case ends</li> </ol>
Alternative flow	None

Use Case 5 Narrative – Check-in/out for Online Clients

Use case Name	Check-in/out for Online Clients
Description	This use case allows the system to check-in/out the online clients to verify the amenities and food availability and to verify the guest who already check-in
Primary actor	Clients
Secondary actor	Front Desk, Manager/Owner
Include Use Case	Verify check-in/out
Extend Use Case	Clients can checkin/out to the establishment
Precondition	<ol style="list-style-type: none"> <li>1. Clients must already be reserved</li> </ol>

Main flow	<ol style="list-style-type: none"> <li>1. Front desk or manager/owner open reservation list</li> <li>2. The front desk or manager/owner search the client's information</li> <li>3. The system validates the client's information</li> <li>4. The system display the client's record</li> <li>5. Repeat step 1 to 2 to check-in</li> <li>6. Clients must pay the bill</li> <li>7. The system must be marked as clients is already checked-in</li> <li>8. The front desk or manager/owner give the room key</li> <li>9. The amenities is already occupied</li> <li>10. Repeat step 1 to 4 to check-out</li> <li>11. Use case ends</li> </ol>
Alternative flow	<ol style="list-style-type: none"> <li>2. a) Clients is not reserved <ol style="list-style-type: none"> <li>1. Not displayed in the table</li> <li>2. System prompt to reserve first</li> <li>3. Use case resumes at flow step 1</li> </ol> </li> </ol>

#### Use Case 6 Narrative – Pay Bills

Use case Name	Pay Bills
Description	This use case allows clients to pay bills in availing amenities and food and to confirm the reservation/check-in to the front desk or manager/owner
Primary actor	Clients
Secondary actor	Front Desk, Manager/Owner
Include Use case	Total Payment of Bills
Extend Use case	Clients can pay the bills through online or walkin
Precondition	<ol style="list-style-type: none"> <li>1. The front desk must give an Official Receipt to the clients.</li> </ol>
Main flow	<ol style="list-style-type: none"> <li>1. The front desk or manager/owner open payments</li> <li>2. The system displays payments</li> </ol>

	<ol style="list-style-type: none"> <li>3. Front desk or manager/owner search for client's record</li> <li>4. System validate client's record</li> <li>5. The system display the total payment of clients</li> <li>6. Front desk or manager/owner verifies the total payment of clients</li> <li>7. The front desk issues an OR to the clients</li> <li>8. Use case ends</li> </ol>
Alternative flow	<ol style="list-style-type: none"> <li>2. a) Clients not found <ol style="list-style-type: none"> <li>1. System display "Clients not found" message</li> <li>2. Use case resumes at main flow step 1</li> </ol> </li> </ol>

### Use Case 7 Narrative – Generate Reports

Use case Name	Generate Reports
Description	This use case allows the users to generate reports of daily income report, monthly income report, and yearly income report.
Primary actor	Front Desk
Secondary actor	Manager/Owner
Include Use case	Generate all the Reports
Extend Use case	Approve all the Reports
Precondition	1. The Front desk or manager/owner must log-in successfully
Main flow	<ol style="list-style-type: none"> <li>1. Front desk or manager/owner login to the administrator</li> <li>2. Front desk or manager/owner open the reports</li> </ol>
	<ol style="list-style-type: none"> <li>3. The system displays the reports</li> <li>4. Use case ends</li> </ol>
Alternative flow	None

## **Database Design**

Designing the relational database is a crucial part of making the system. It is the storage of critical data that the system need to work, and it serves as the system's building blocks. This program was based on the actual manual system used. The design's purpose was to come up with a solution to the problem. This problem would be summarized and resolved using some type of requirements specification.

The following database tables on the next page are used to store the data that is entered into the system, as well as a set of procedures that help with searching, sorting, and other similar tasks.

## **Class Diagram**

A type of static diagram that describes the structure of a system by showing the system's classes. Their attributes, operations (or method), and the relationship among objects.



Table 12

Data Structure used for the System Security and Login

Field	Field Name	Type	Width	Description
1	admin_id	int	3	ID for User
2	name	varchar	30	Name of User
3	username	varchar	30	Username of User
4	password	varchar	30	Password of User

Table 13

Data Structure used for Client Check-in List

Field	Field Name	Type	Width	Description
1	guest_id	int	3	Client ID
2	firstname	varchar	30	Client First name
3	middlename	varchar	30	Client Middle name
4	lastname	varchar	30	Client Last name
5	address	varchar	50	Client Address
6	contactno	varchar	11	Client Contact Number

Table 14

Data Structure used for the Information of Rooms

Field	Field Name	Type	Width	Description
1	room_id	int	2	Room ID
2	room_type	varchar	20	Type of Room
3	price	varchar	10	Room Price
4	room_photo	varchar	100	Room Image
5	person	int	2	Room Capacity

Table 15

Data Structure used for the Information of Pool

Field	Field Name	Type	Width	Description
1	pool_id	int	2	Pool ID
2	reserve_type	varchar	20	Reservation Type
3	price	varchar	10	Total Price
4	photo	varchar	100	Pool Image
5	person	int	2	Number of Clients

Table 16

Data Structure used for the Information of Food

Field	Field Name	Type	Width	Description
1	productid	int	11	Menu ID
2	categoryid	int	1	Menu Category ID
3	productname	varchar	30	Menu Name
4	price	double		Menu Price
5	photo	varchar	150	Menu Image

Table 17

Data Structure used for the Ratings Information

Field	Field Name	Type	Width	Description
1	review_id	int	11	Client Review ID
2	user_name	varchar	200	Client Username
3	user_rating	int	1	Client Ratings
4	user_review	text		Client Reviews
5	datetime	int	11	Client Reviews date and time

Table 18

Data Structure used for the Transaction

Field	Field Name	Type	Width	Description
1	transaction_id	int	3	Client Transaction ID
2	guest_id	int	3	Client Guest ID
3	room_id	int	3	Client Room ID
4	checkin	date		Client Checkin date
5	checkout	date		Client Checkout date
6	days	int	3	Client number of days stayed
7	payment_type	varchar	20	Client payment method
8	referenceno	int	13	GCash transaction reference number
9	bill	double		Client total bills
10	status	varchar	20	Client reservation status

## Program Hierarchy

Program hierarchy shows a top-down functional decomposition of the system and express the system structure. This diagram is a simple hierarchy chart, which show the breakdown of the residence's functions and activities.

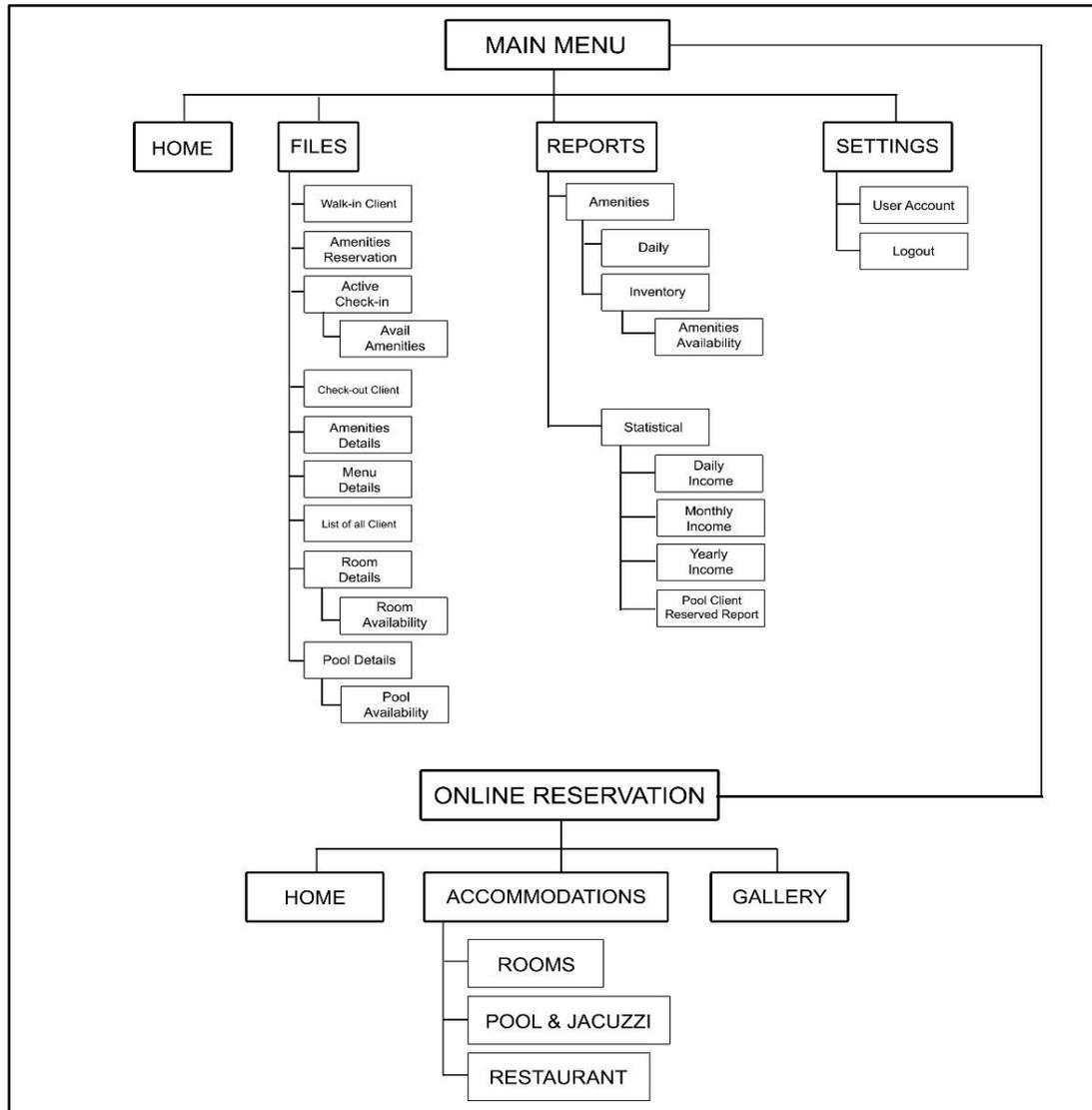


Figure 14. Program Hierarchy

## Functional Requirements

A functional requirement specifies a software system's or component's functionality. A function is made up of three parts: inputs, behavior, and outputs.

Calculations, technical details, data manipulation, processing, and other specific capabilities that define what a system is expected to perform are examples of functional requirements. The functional requirements were established using a prototype to elicit the needs. Through constant communication with the director of the research and development unit, a working prototype was produced to strategically capture requirements. The following features are based on the existing standard needs of the information system, with the respondent's agreement and coordination:

### **Reservation**

FREQ 1: The system should allow the clients to check for amenities availability.

FREQ 2: The system should allow the front desk to check for amenities availability.

### **Administration**

FREQ 3: The system should allow the front desk to manage the client's information and its reservation details.

FREQ 4: The system should allow the front desk to update the client's information.

### **Cancel Reservation**

FREQ 5: The system should allow the cancellation of the clients who allow reservation.

### **Payment**

FREQ 6: The system should allow to inform the total payment of the clients.

FREQ 7: The system should allow the process of the check-in transaction of the clients.

### **Check-in/ Check-out**

FREQ 8: The system should allow the front desk to process the check-in of the clients.

FREQ 9: The system should allow the front desk to process the check-out of the clients.

### **Reports**

FREQ 10: The system should provide the graphical reports for the decision support of the front desk.

### **Access to the system**

#### **Admin Login and Front Desk**

FREQ 11: Access to the system must be password protected.

FREQ 12: Username and password should be match.

### **Non-Functional Requirements**

A non-functional requirement is one that specifies criteria for judging a system's operation rather than specific actions. Functional requirements, on the other hand, define specific behavior functions.

1. The system should operate on available technology like: Windows and wired Public Internet Access.
2. The system should be user-friendly and easily accessible.

## **Test Cases**

A test case is a set of simple procedures that must be followed to verify an application's functionality or feature. It's a set of circumstances or variables that a tester uses to determine whether or not a software system or one of its components is functioning properly. It may take several test cases to determine whether or not a criterion is fully met.

These are the scenarios that were tested during acceptance testing. To test the developed system, the test plans allow users to utilize the system and follow the instructions in each test case. To be regarded successful, the system must produce the intended outcome in each test case.

## **Reservation**

### **Test Case 1**

Module: Room Reservation Online

Severity: 1

Instructions:

1. Go to the website of Forest Garden Residences
2. Go to "Accommodations" menu
3. Click "Rooms" button
4. Click "Reserve Now" button
5. Input "Start date" "End date" dates.
6. Select Room type
7. Click "Submit" button
8. Click "OK" button to agree the terms and conditions

9. Fill up the reservation form.

10. Click "Reserve" button.

Expected Result:

- Client should be successfully saved/displayed in "reservation list"

Clean up: Click "Close" button to close module.

### **Test Case 1**

Module: Pool Reservation Online

Severity: 1

Instructions:

1. Go to the website of Forest Garden Residences
2. Go to "Accommodations" menu
3. Click "Pool & Jacuzzi" button
4. Click "Reserve Now" button
5. Input "Start date" "End date" dates.
6. Fill up the reservation form.
7. Click "Submit" button
8. Click "OK" button to agree the terms and conditions

Expected Result:

- Client should be successfully saved/displayed in "reservation list"

Clean up: Click "Close" button to close module.

## **Test Case 1**

Module: Menu Reservation Online

Severity: 1

Instructions:

1. Go to the website of Forest Garden Residences
2. Go to "Accommodations" menu
3. Click "Restaurant" button
4. Check Chosen Menus
5. Input Quantity of Menus
6. Input Client Name
7. Select Payment Method. Select Type of order.
8. Click "Submit" button
9. View Orders and Review Orders to confirm reservation.

Expected Result:

- Client should be successfully saved/displayed in "reservation list"

Clean up: Click "Close" button to close module.

## **Test Case 1**

Module: Administrator log-in

Severity 1

Instructions:

1. Enter the URL to redirect to admin log-in page
2. Enter User name and password.

3. Click "Log-in" Button
4. System will automatically detect if you're the Manager/Owner or Front Desk

Expected Result:

- System displays the Administration Dashboard.
- Front Desk - can monitor the Reserved/check-in Client while Manager/Owner can do the same thing, but they can also review reports (Daily Income, Monthly Income, Yearly Income) and Add/Edit/Delete Rooms, Menus, and Pool.

Clean up: Click "Log-out" button to Redirect to Homepage and Delete all Sessions you've made.

## **Test Case 1**

Module: Cancellation of Reservation

Severity 1

Instructions:

1. Front Desk Login
2. Click "Status" button.
3. Select/Search the guest information, and then
4. Click "Action" button
5. Click "Cancel" button

Expected Result:

- Clients should be successfully cancel.

Clean Up: Click "Close" button to close module.

## **Test Case 1**

Module: Reserved Clients Check in

Severity 1

Instructions:

1. Front desk Login
2. Click "Status" button
3. Select/Search the client's information, and then
4. Click "Action" button.
5. Click "Check-in" button.

Expected Result:

- Clients should be successfully Check-in.
- Client's is already displayed in Check-in List

Clean Up: Click "Close" button to close module.

## **Test Case 1**

Module: Walk-in Clients Reserve

Severity 1

Instructions:

1. Click "Reserve Now" button
2. Select start and end dates
3. Select what amenities he/she what to reserve
4. Fill up the reservation form
5. Click "Reserve" button.

Expected Result:

- Client should be successfully saved/displayed in reservation list

Clean Up: Click "Close" button to close module

### **Test Case 1**

Module: Check-out

Severity 1

Instructions:

1. Front desk login
2. Click "Status" button
3. Select/Search the client's information, and then
4. Click "Check-out" button.

Expected Result:

- Client should be successfully Check-out

Clean up: Click "Close" button to close module.

### **Test Case 1**

Module: Online Payment of Bills

Severity 1

Instructions:

1. Clients browse the website
2. Choose amenities to reserve. Click "Reservation" button
3. Fillup the necessary clients information
4. Choose payment method. Click "Submit", and then
5. Click "Close" button.

Expected Result:

- Client should be successfully Pay the Bills

Clean up: Click "Close" button to close module.

### **Test Case 1**

Module: Walkin Payment of Bills

Severity 1

Instructions:

1. Front desk/Manager/Owner login
2. Choose amenities to reserve. Click "Reservation" button
3. Fillup the necessary clients information
4. Choose payment method. Click "Submit", and then
5. Click "Close" button.

Expected Result:

- Client should be successfully Pay the Bills

Clean up: Click "Close" button to close module.

### **Test Case 1**

Module: Generation of Reports

Severity 1

Instructions:

1. Front desk/Manager/Owner login
2. Click "Reports" button
3. Select/Search the specific reports to be done, and then

4. Scroll to check the if the graphical and tabular reports are accurate.

Expected Result:

- Front desk/Manager/Owner can view the graphical and tabular reports.

Clean up: Click "Logout" button to close module.

### **Technical Requirements**

Today, computers are extremely useful in fields such as education, government, offices, and business. This has been a helpful tool for getting access to a variety of tools and software.

It is critical to choose the right hardware and software components, as well as identify the people who will be participating in the operation. This is required for proper operation so that the system can perform to its greatest potential.

The physical components of a computer include the keyboard, mouse, printer, CPU case, motherboard, RAM, hard disk, display, and network. These components are in responsible of data processing speed and storage capacity.

All programs, documentations, manuals, and routines required to make a computer useable are referred to as software. The term software refers to a collection of machine-readable instructions known as programs that teach the computer to do a specific task. The computer cannot accomplish anything useful without software. This would be accurate, dependable, and user-friendly.

The user who will operate the computer and those involved in the system are referred to as peopleware. In order to digest information effectively and efficiently, these individuals must be able to manipulate data.

### **Minimum Hardware Specifications**

This specifies the minimum hardware requirements for the system to work as intended and expected. These specifications were chosen based on what is currently available on the market and what most computer package systems provide.

<b>Components</b>	<b>Specification</b>
Microprocessor	Core i3-4030U 1.90 GHz
Hard Disk Drive	500 Gigabytes
Random Access Memory	4 Gigabytes
Graphics Card	256 MB – 1 GB

### **Minimum Software Specifications**

The Forest Garden Residences requires various software's to function properly. This software's features are shown below, along with their specs. The presented specs were based on the specifications of the computer units used in the system's development.

<b>Items</b>	<b>Specification</b>
Operating System	Windows 7, 8, or 10
Web browser	Google Chrome, Mozilla Firefox, Microsoft Edge

### **Hosting and Implementation**

Web hosting is a sort of internet hosting that allows individuals and businesses to make their websites available on the internet. Web hosting

companies provide clients with space on a server that they own or lease, as well as internet connectivity, typically in a data center, while implementation is the programming and deployment of a technical specification or algorithm as a program, software component, or other computer system.

In order to host and apply the built system, the researchers used a domain and web hosting owned by BISU-Bilar, allowing the upload of the establishment's database and web page for testing. The researchers were granted access to the Forest Garden Residences Online Reservation System Quezon, Bilar, Bohol as well as hosting for websites on virtual servers.

Individuals and businesses can use web hosting to make their website available via the World Wide Web. The system could be accessed through <http://www.forestgardenresidence.bisubilar.org/MyWebsite> final.

### **Business Intelligence Integration**

The ability of an organization to acquire, maintain, and organize knowledge is referred to as business intelligence. It seeks to assist better business practices and decision-making with solutions that push Business Intelligence (BI) to new heights and provide the relevant data. The system featured Business Intelligence reporting that was both tabular and graphical. Business intelligence was integrated into the system, particularly in the query and reporting components. Each report is created by connecting multiple tables in the database's connection. To guarantee that the data in the report is accurate and consistent. The following reports show how business intelligence was used in the system.

Preview 1 shows the daily income of the room reservation.



Preview 1. Daily Income Report

Preview 2 shows the monthly income of the room reservation.



Preview 2. Monthly Income Report

Preview 3 shows the yearly income of the room reservation.

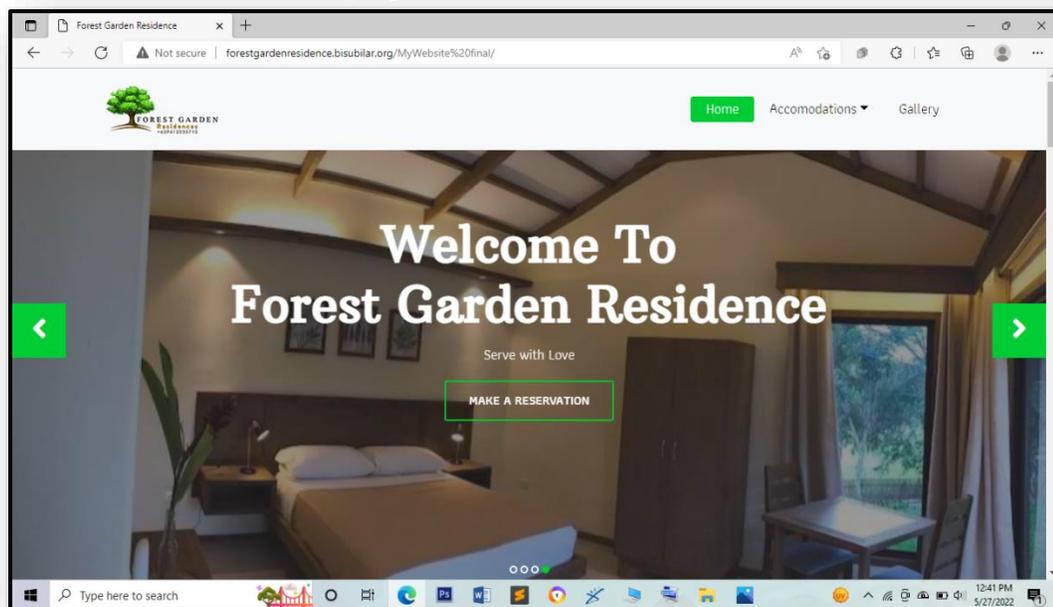


Preview 3. Yearly Income Report

## Screen Layout

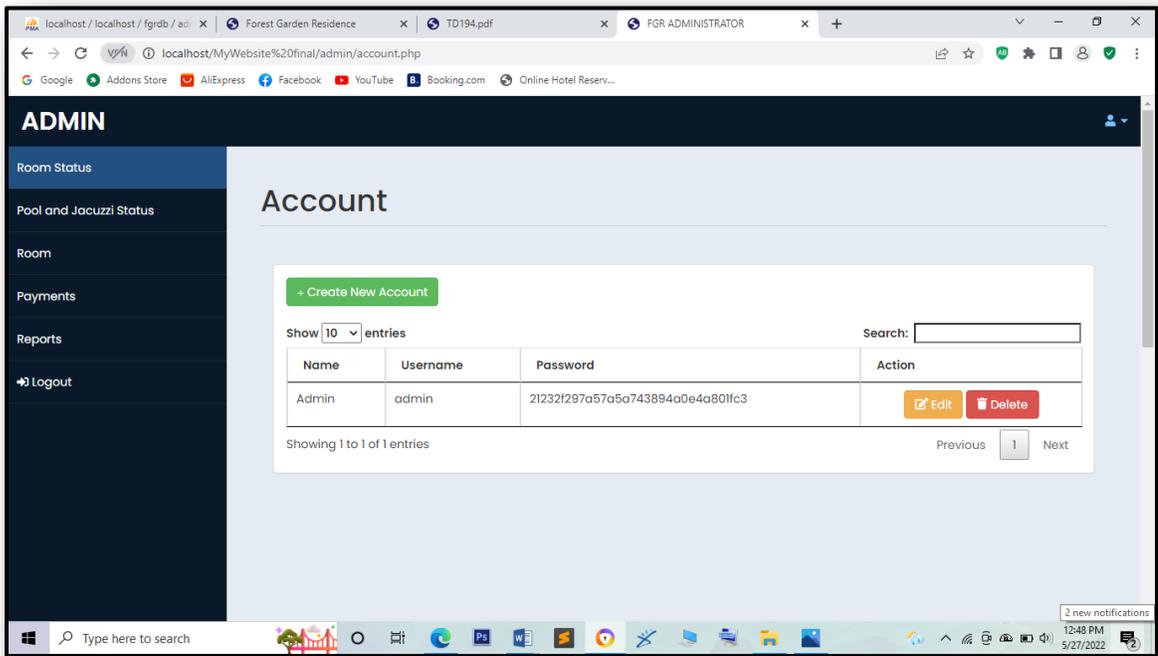
Screen Layout is one of the many attributes of the systems user friendliness. It should be designed so that browsers may navigate the system quickly and easily, and it should clearly identify the task that the users must do.

Preview 9 shows the Homepage of the website.



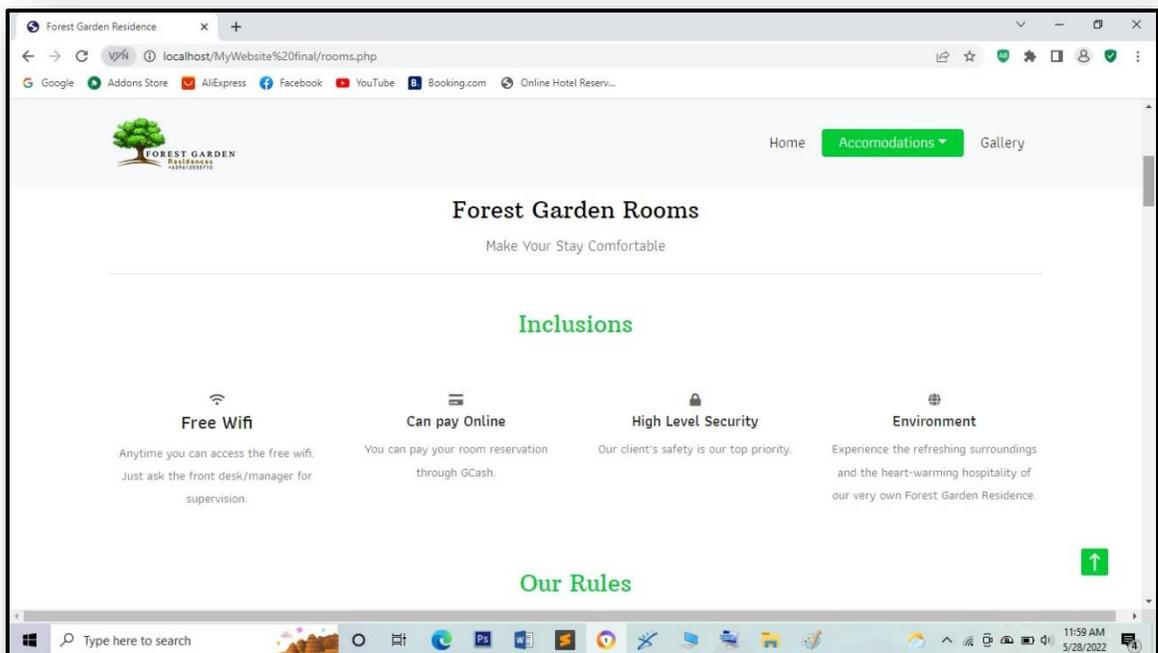
Preview 9. Homepage

Preview 10 shows the User Management of the website.



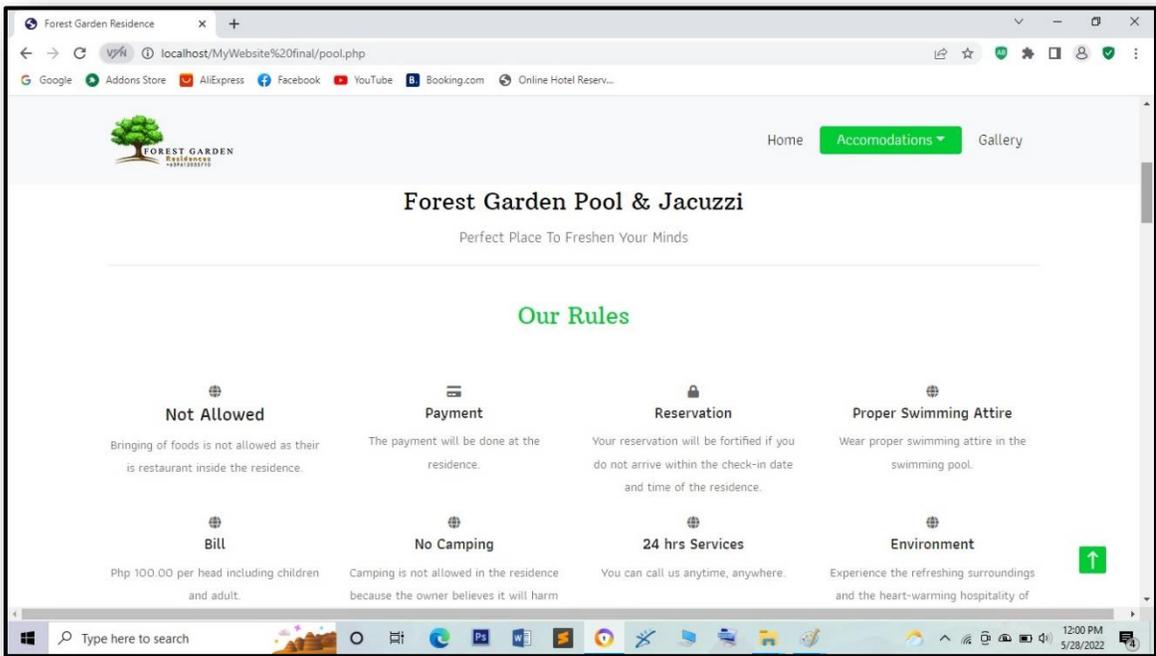
Preview 10. User Management

Preview 11 shows the Rooms Description of the website.



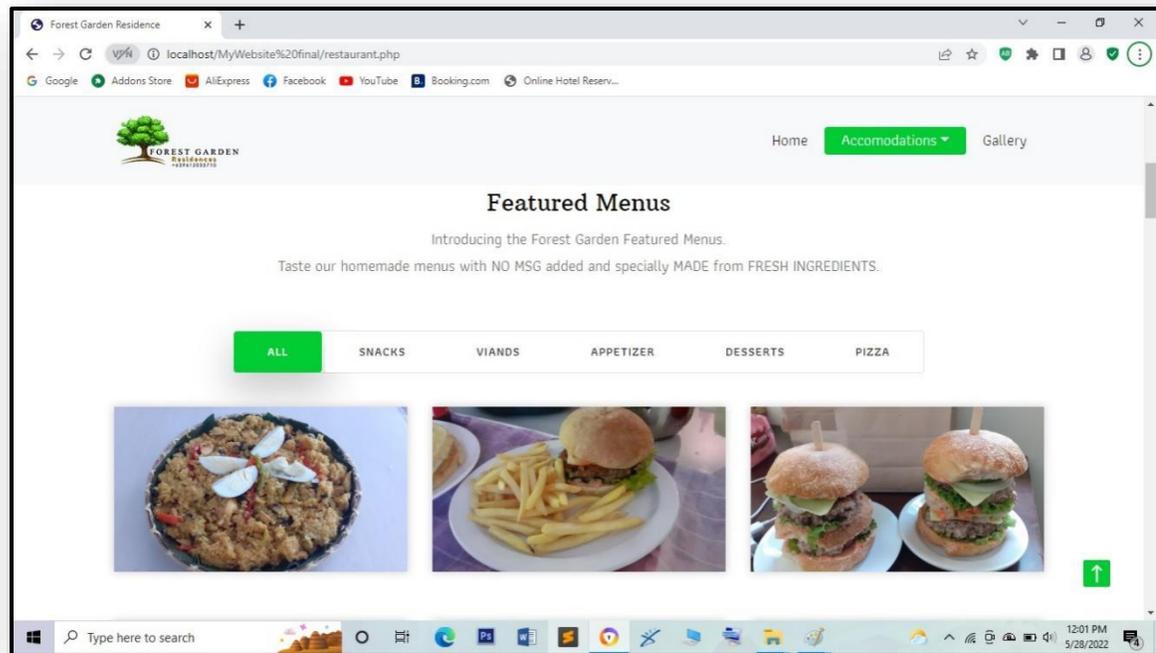
Preview 11. Room's Description

Preview 12 shows the Pool and Jacuzzi Description of the website.



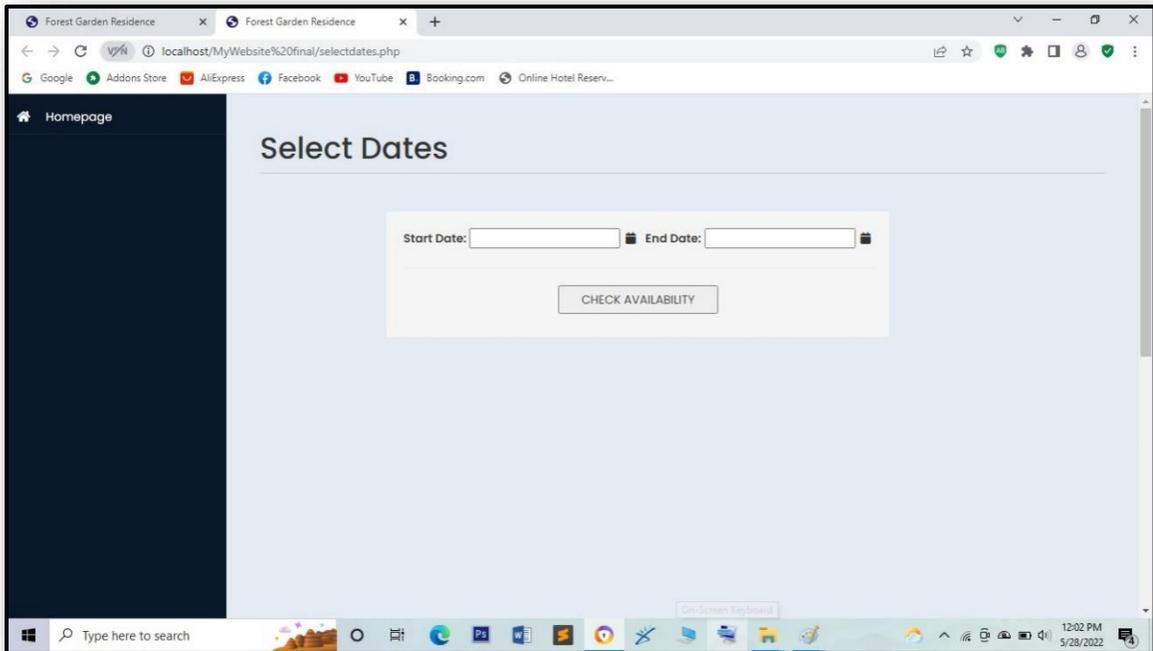
Preview 12. Pool and Jacuzzi Description

Preview 13 shows the Main Menu's Description of the website.



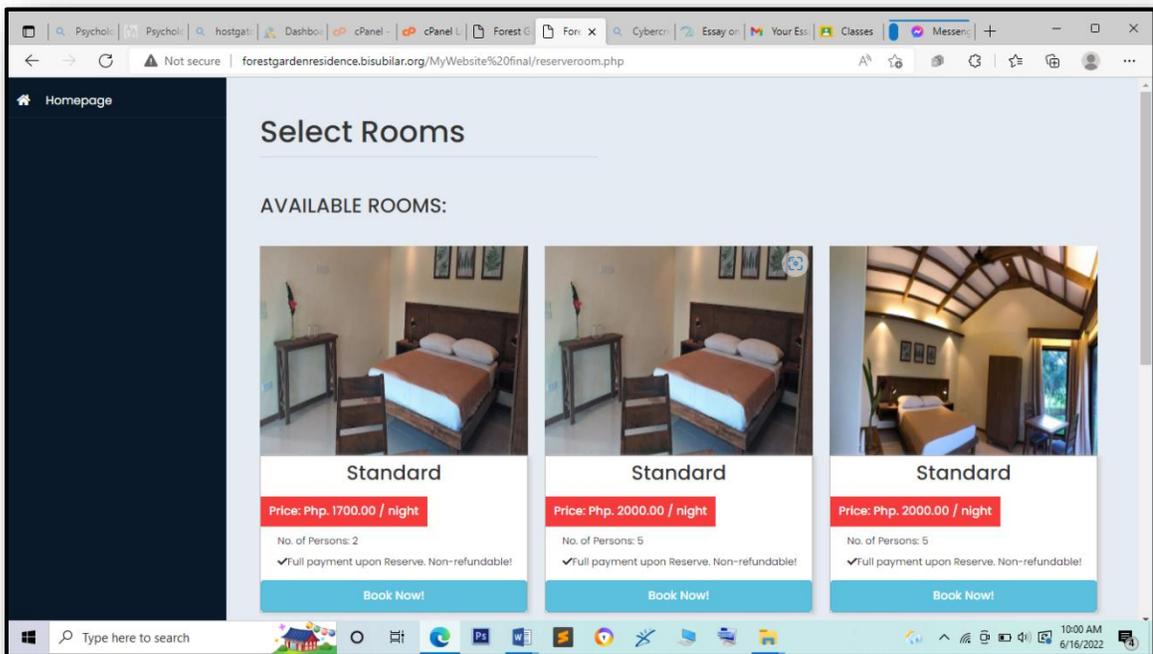
Preview 13. Main Menu's Description

Preview 14 shows the Date selection of the website.



Preview 14. Selecting Date

Preview 15 shows the Selection of Availability of Rooms of the website.



Preview 15. Selection of Availability of Rooms

Preview 16 shows the Room Reservation Form of the website.

Forest Garden Residence x Forest Garden Residence x +

localhost/MyWebsite%20final/guest.php?room\_id=2

Google Addons Store AliExpress Facebook YouTube Booking.com Online Hotel Reserv...

Homepage

## Reservation

**Personal Information**

First Name

Middle Name

Last Name

Address

Contact No

**Secure Payment**

Payment Method

If Gcash Send to this Number Your Payment:

- +63 961 203 5710

Submit

Type here to search

12:06 PM 5/28/2022

Preview 16. Room Reservation Form

Preview 17 shows the Menu Reservation Form of the website.

Forest Garden Residence x Forest Garden Residence x Forest Garden Residences x +

localhost/MyWebsite%20final/order.php

Google Addons Store AliExpress Facebook YouTube Booking.com Online Hotel Reserv...

			110.00		
<input type="checkbox"/>	DESSERTS	Pancakes	P 75.00	<input type="text"/>	
<input type="checkbox"/>	BEVERAGES	Iced Tea	P 30.00	<input type="text"/>	

**RESERVATION TERMS AND CONDITIONS**

Customer Name

Payment Method

If Gcash Send to this Number Your Payment:

- +63 961 203 5710

Type of Order

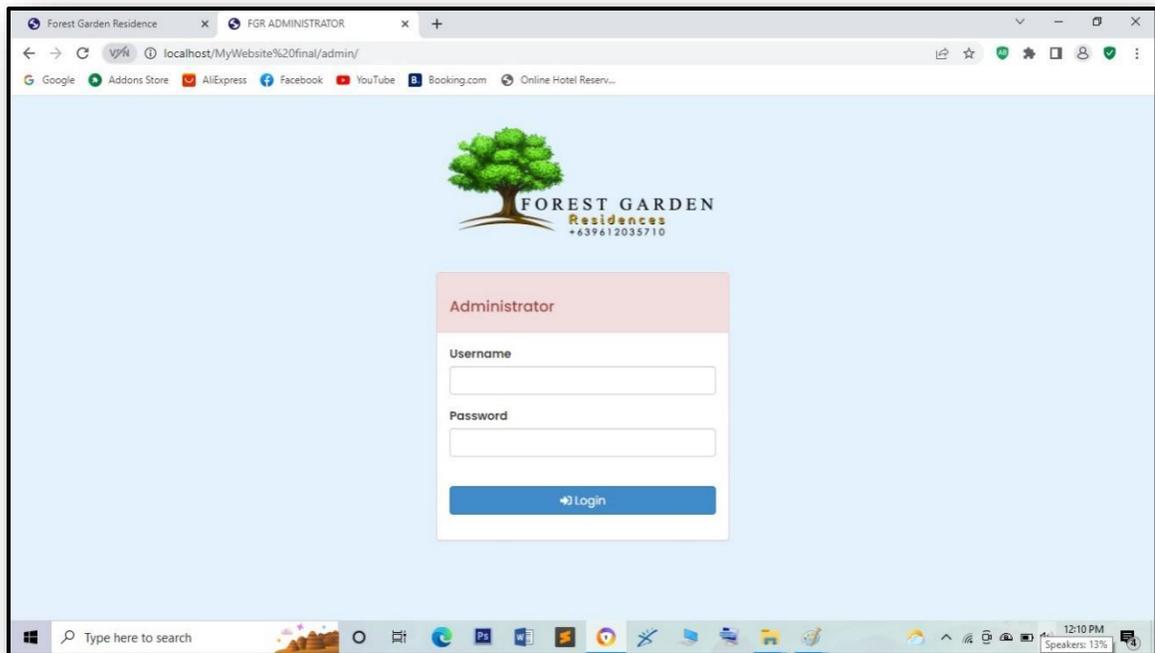
Save

Type here to search

12:07 PM 5/28/2022

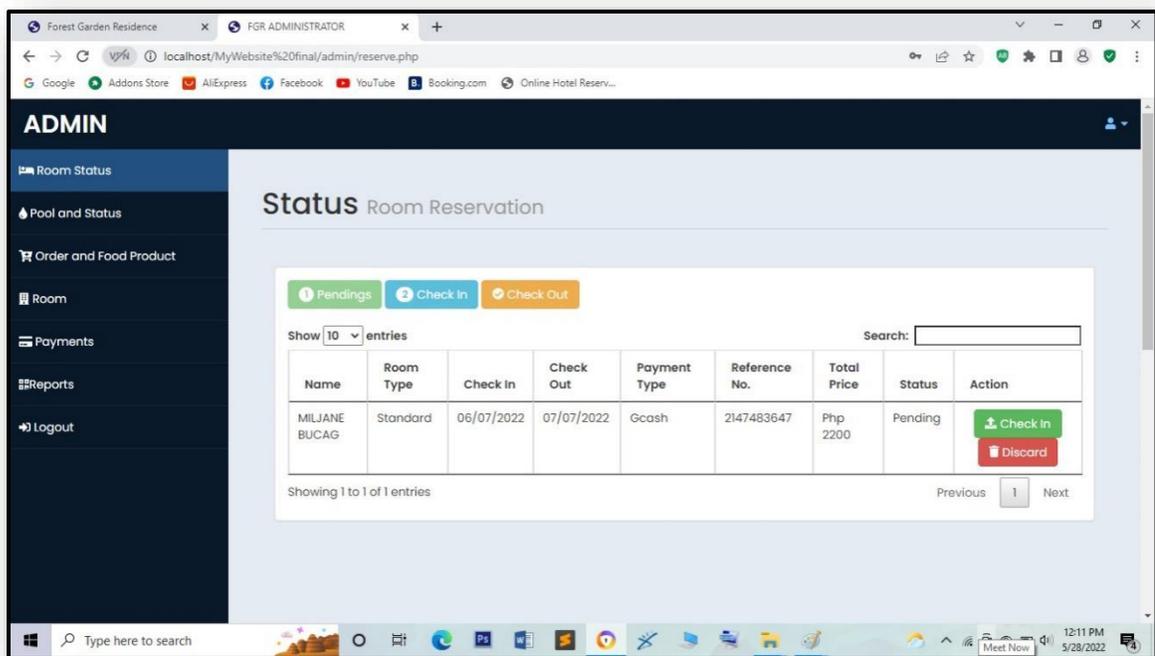
Preview 17. Menu Room Reservation Form

Preview 18 shows the Login Form of the website.



Preview 18. Login Form

Preview 19 shows the Room Pending's List of the website.



Preview 19. Room Pending's List

Preview 20 shows the Room Checked-in List of the website.

**ADMIN**

**Status Room Booking**

Pendings Check In Check Out

Show 10 entries Search:

Name	Room Type	Check In	Check Out	Payment Type	Reference No.	Total Price	Days	Status	Action
GWAPA TETAY	Standard	11/10/2022	14/10/2022	Cash	0	Php 6600	3	Check In	Check Out
JEANMONIQUE DORDAS	Standard	12/09/2022	13/09/2022	Gcash	2147483647	Php 2200	1	Check In	Check Out

Showing 1 to 2 of 2 entries Previous 1 Next

Preview 20. Room Checked-in List

Preview 21 shows the Room Checked-out List of the website.

**ADMIN**

**Status Room Booking**

Pendings Check In Check Out

Show 10 entries Search:

Name	Room Type	Check In	Check Out	Payment Type	Reference No.	Total Price	Days	Status
JOHN ADLAWON	Standard	26/05/2022	27/05/2022	Gcash	2147483647	Php 1650	1	Check Out
KATEVIHOKRATANA MILE	Super Deluxe	07/07/2022	23/07/2022	Cash	0	Php 29920	16	Check Out
LAWRENCE BOUQUIREN	Standard	06/09/2022	07/09/2022	Gcash	2147483647	Php 1650	1	Check Out
NEIL ADLAWON	Super Deluxe	25/05/2022	31/05/2022		0	Php 11220	6	Check Out
NEIL ADLAWON	Standard	29/05/2022	31/05/2022	Cash	0	Php	2	Check

Preview 21. Room Checked-out List

Preview 22 shows the Room Reservation Report List of the website.

Payment Details

10 records per page Search:

ID	Name	Check in	Check out	Day	Payment Type	Reference No.	Total	Profit
84	NEIL	25/05/2022	30/05/2022	5	Cash	0	8250	<a href="#">Print</a>
85	NEIL	25/05/2022	31/05/2022	6	GCash	0	13200	<a href="#">Print</a>
87	NEIL	25/05/2022	31/05/2022	6	Cash	0	13200	<a href="#">Print</a>
88	NEIL	25/05/2022	26/05/2022	1	Cash	0	1650	<a href="#">Print</a>
89	NEIL	25/05/2022	31/05/2022	6		0	11220	<a href="#">Print</a>
90	NEIL	31/05/2022	02/06/2022	1	Gcash	2147483647	2200	<a href="#">Print</a>

Preview 22. Room Reservation Report List

Preview 23 shows the Room Management of the website.

Room

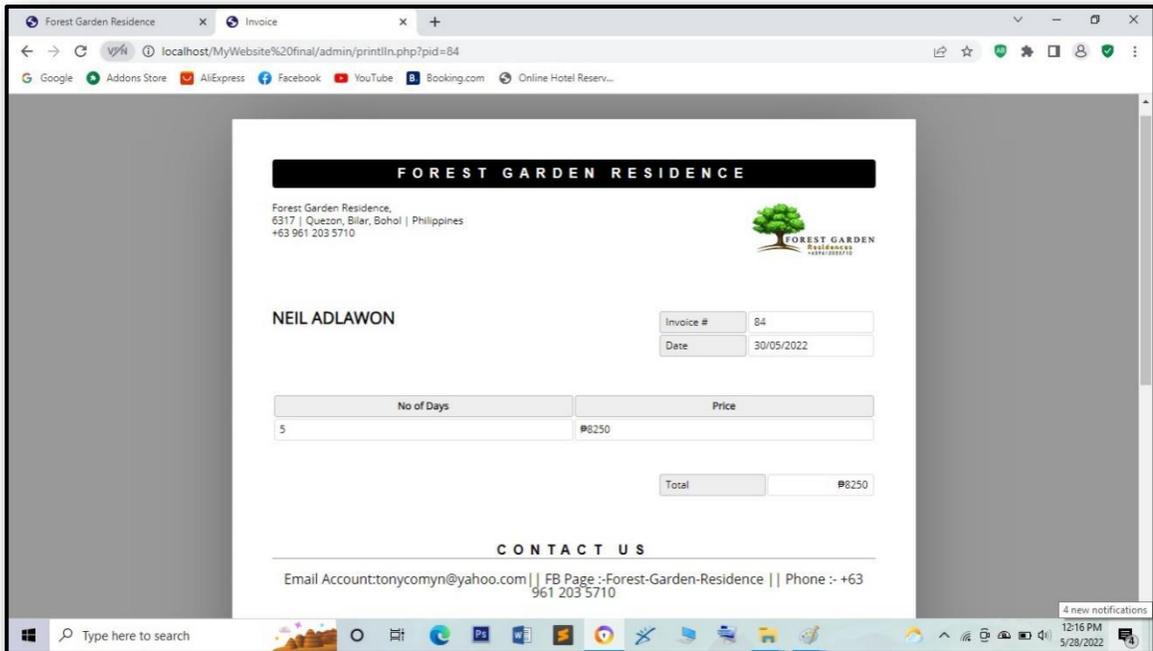
+ Add Room

Show 10 entries Search:

Room Type	Price	Photo	Action
Standard	1500		<a href="#">Edit</a> <a href="#">Delete</a>
Standard	2000		<a href="#">Edit</a> <a href="#">Delete</a>
Standard	2000		<a href="#">Edit</a> <a href="#">Delete</a>
Super Deluxe	1700		<a href="#">Edit</a> <a href="#">Delete</a>

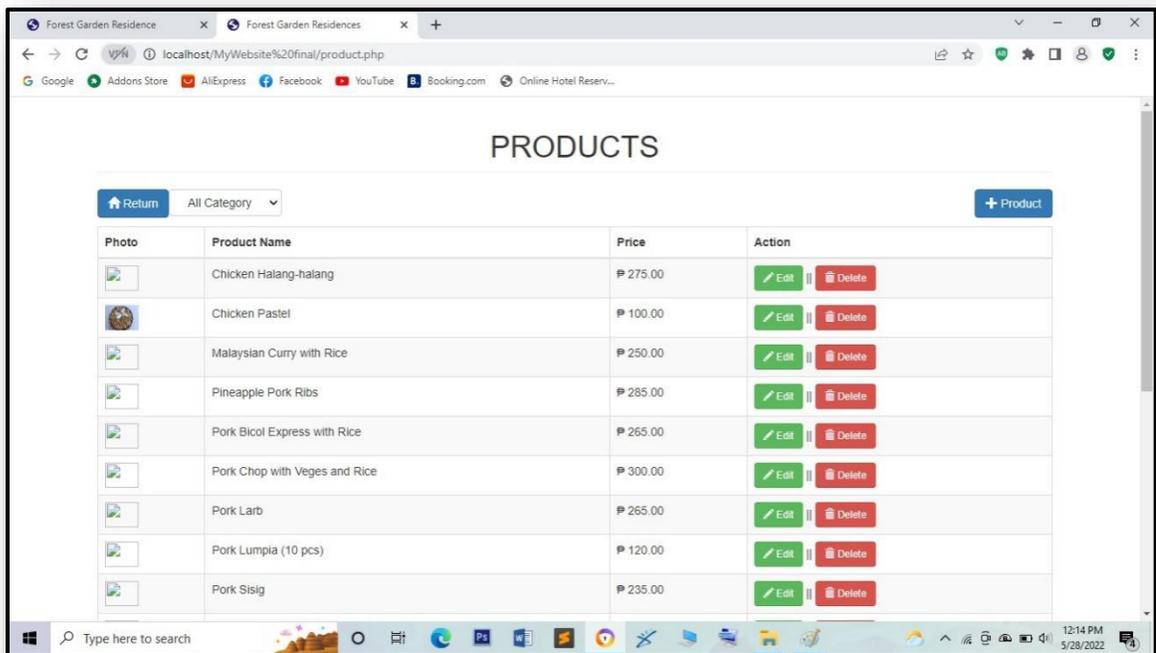
Preview 23. Room Management

Preview 24 shows the Room Reservation Receipt of the website.



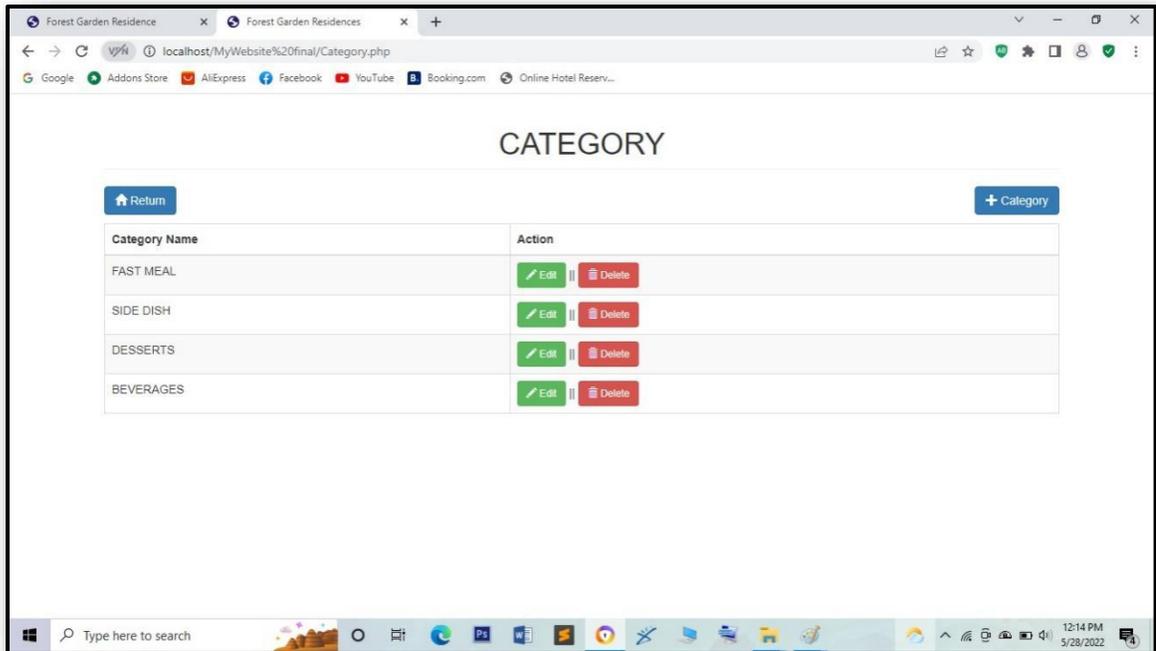
Preview 24. Room Reservation Receipt

Preview 25 shows the Add Menu Management of the website.



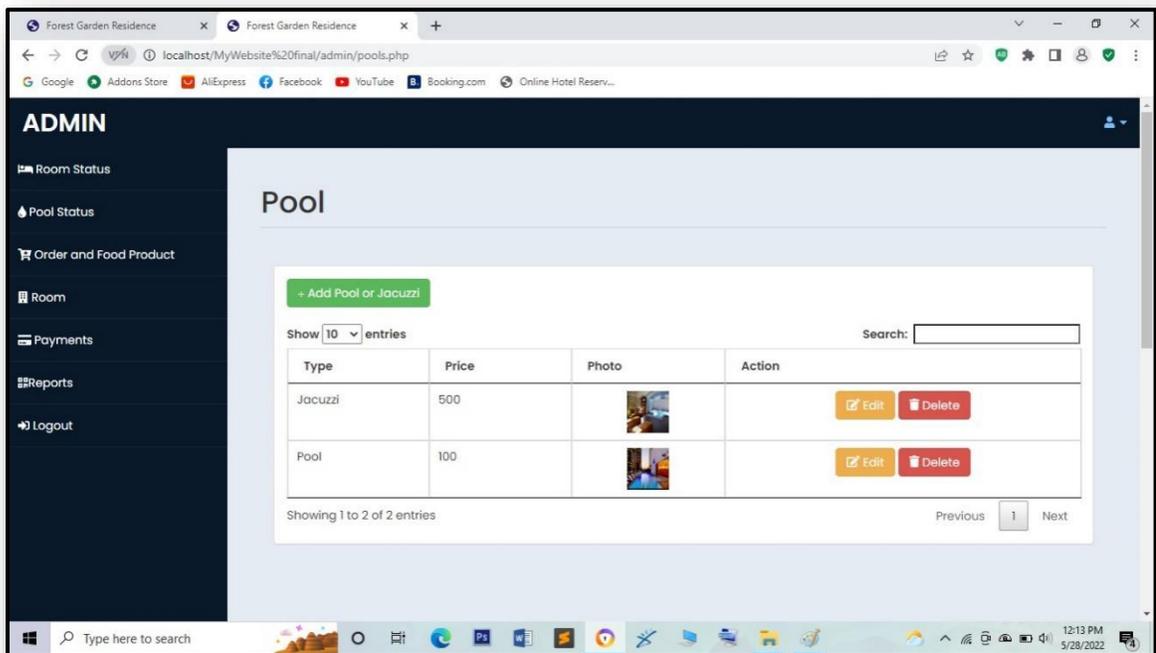
Preview 25. Add Menu Management

Preview 26 shows the Add Category Management of the website.



Preview 26. Add Category Management

Preview 27 shows the Pool Management of the website.



Preview 27. Pool Management

## Economic Performance Evaluation

The economic performance of the Online Reservation System of Forest Garden Residences in Quezon, Bilar, Bohol was assessed in terms of initial investment and annual operation costs. The initial investment is the money required by the client before the system can begin to operate and be implemented. The yearly operational cost, on the other hand, is the entire amount required for a one-year deployment. This includes the cost of an internet connection, a domain and web hosting subscription, office supplies, utilities, system maintenance, and other operations-related costs.

Table 17

### Initial Investment and Annual Operating Cost

Item	Qty.	Unit	Unit Price	Total
<b>A. Initial Investment</b>				
<b>A. 1. Hardware</b>				
Desktop Computer	1	set	Php 30, 000.00	Php 30, 000.00
Printer	1	unit	Php 10, 000.00	Php 10, 000.00
Router	1	unit	Php 3, 000.00	Php 3, 000.00
			Sub-total	Php 43, 000.00
<b>A. 2. Software</b>				
Software			Php 50, 000.00	Php 50, 000.00
Software Licensing			Php 5, 000.00	Php 5,000.00
System Installation			Php 500.00	Php 500.00
			Sub-total	Php 55, 500.00
			<b>Total</b>	<b>Php 98, 500.00</b>
<b>B. Annual Operating Cost</b>				
<b>B. 1. Substraction</b>				
Internet	12	months	Php 1, 500.00	Php 18, 000.00
Domain and Web Hosting	1	year	Php 6, 000.00	Php 6, 000.00
			<b>Sub-total</b>	<b>Php 24, 000.00</b>
<b>B. 2. Office Supplies</b>				

Bond paper	5	reams	Php 156.00	Php 780.00
Folder	6	pieces	Php 6.00	Php 36.00
Fastener	6	pieces	Php 2.00	Php 12.00
Printer Ink: Cyan	1	piece	Php 300.00	Php 300.00
Magenta	1	piece	Php 300.00	Php 300.00
Yellow	1	piece	Php 300.00	Php 300.00
Black	1	piece	Php 300.00	Php 300.00
<b>Sub-total</b>				<b>Php 2, 028.00</b>
<b>B. 3. Utilities</b>				
Electricity	12	months	Php 230.00	Php 2, 760.00
<b>B. 4. General Services</b>				
System Maintenance	4	quarters	Php 1, 500.00	Php 6, 000.00
<b>Total</b>				<b>Php 8, 760.00</b>

### Testing and Evaluation

Testing and evaluation were performed to determine the functionality of the system particularly on the provision of expected output, time/period of information processing, volume of information handled, and the proper response of user inputs. This is also the process of judging the performance of the system in general. In this study, web usability was evaluated to determine its technical performance as perceived by the target users. The researchers presented the developed system to the manager/owner and front desk and prepared questionnaires for the rating statistics of the developed system. The testing and evaluation of the system takes place last May 25, 2022 at exactly 2:00 PM to 4:00 PM at Forest Garden Residence, Quezon, Bilar, Bohol and was done for about 2 hours.

**Web Usability.** To assess the acceptability of the online system, web usability survey was performed. Based from the results of the survey, the respondents gave an excellent rating with a mean value of 4.64 as presented in

Table 18 on the next page. This result indicates that the application is excellent relative to the web usability standard. This further means the application has control, good language and comprehensive content with provisions for online help and user guides, very consistent in the use of terminologies, good communication relative to errors on the operation or use, has good architecture visual clarity.

Table 18

Web Usability Assessment Result

N=30

Criteria for Web Usability	Weighted Mean	Interpretation
<b>I. Navigation</b>		
1.1 Current location within the site is shown clearly	4.83	Excellent
1.2 Link to site's main page is clearly identified	4.68	Excellent
1.3 Major/important parts of the site are directly accessible from the main page	4.55	Excellent
1.4 Easy to use Search function is provided, as needed	4.34	Excellent
1.5 Site accommodates novice to expert users	4.48	Excellent
<b>Average</b>	<b>4.57</b>	<b>Excellent</b>
<b>II. Functionality</b>		
2.1 Functions are clearly labeled	4.76	Excellent
2.2 Essential functions are available without leaving the site	4.51	Excellent
2.3 Plug-ins are used only if they add value	4.37	Excellent
<b>Average</b>	<b>4.54</b>	<b>Excellent</b>
<b>III. User Control</b>		
3.1 Site reflects user's workflow	4.7	Excellent
3.2 User can cancel any operation	4.68	Excellent
3.3 Clear exit point is provided on every page	4.48	Excellent
3.4 Per page loads moderately to accommodate slow connection	4.24	Very Good
3.5 Currently used browser is supported	4.48	Excellent
<b>Average</b>	<b>4.51</b>	<b>Excellent</b>

<b>IV. Language and Content</b>		
4.1 Important information and task are given prominence	4.63	Excellent
4.2 Information of low relevance or rarely used information is not included	3.03	Very Good
4.3 Related information or tasks are grouped: on the same page or menu or in the same area within a page	4.62	Excellent
	4.68	Excellent
4.4 Language is simple, without jargon	4.79	Excellent
4.5 Paragraph are brief		
4.6 Link are concise, expressive, and visible— not buried in text	4.55	Excellent
4.7 Terms are defined	4.68	Excellent
<b>Average</b>	<b>4.42</b>	<b>Excellent</b>
<b>V. Online Help and User Guides</b>		
5.1 It is always clear what is happening on the site – visual hints, etc.	4.56	Excellent
5.2 User can receive email feedback if necessary	4.13	Very Good
5.3 Confirmation screen is provided for form submittal	4.62	Excellent
	4.37	Excellent
5.4 All system feedback is timely		
5.5 Users are informed if a plug-in or browser version is required	4.34	Excellent
5.6 Each page includes a “last updated” date	4.27	Very Good
<b>Average</b>	<b>4.38</b>	<b>Excellent</b>
<b>VI. Consistency</b>		
6.1 The same word or phrase is used consistently to describe an item	4.5	Excellent
6.2 Link reflects the title of the page to which it refers	4.34	Excellent
6.3 Browser page title is meaningful and reflects main page heading	4.48	Excellent
<b>Average</b>	<b>4.44</b>	<b>Excellent</b>
<b>VII. Error Prevention and Correction</b>		
7.1 User can rely on recognition, not memory, for successful use of the site	4.4	Excellent
7.2 Site tolerates a reasonable variety of user actions	4.41	Excellent
7.3 Site provides concise instructions for user actions, including entry format	4.37	Excellent
	4.27	Very Good

7.4 Error message are visible, not hidden		
7.5 Error message are in plain language	4.37	Excellent
7.6 Error message describe action to remedy a problem	4.31	Excellent
7.7 Error message provide a clear exit point	4.41	Excellent
<b>Average</b>	<b>4.36</b>	<b>Excellent</b>
<b>VIII. Architecture and Visual Clarity</b>		
8.1 Site is organized from the user's perspective	4.73	Excellent
8.2 Site is easily scan able for organization and meaning	4.82	Excellent
8.3 Site design and layout are redundant only when required for user productivity	4.48	Excellent
8.4 White space is sufficient; page are not too dense	4.51	Excellent
8.5 Unnecessary animation is avoided	4.48	Excellent
8.6 Colors used for visited and unvisited links are easily seen and understood	4.72	Excellent
8.7 Bold and italic text is used sparingly	4.75	Excellent
<b>Average</b>	<b>4.64</b>	<b>Excellent</b>
<b>AVERAGE WEIGHTED MEAN</b>	<b>4.64</b>	<b>Excellent</b>

Adopted from system questionnaire by Lewis, J.R (1995)

**System Usability.** The system usability test was carried out to ascertain the level of system acceptance perceived by the target users. According to the survey results, respondents gave an overall grade of 6.39 with the interpretation "Agree". The outcome typically implies that the system can be used to handle client's reservation. Specifically, the technology met the respondents' expectations in terms of function and capability. Furthermore, the material is organized in the system; the content is extensive, with a nice user interface and convenience of use.

Table 19

## System Usability Assessment Result

N=30

<b>Criteria for System Usability</b>	<b>Weighted Mean</b>	<b>Rating</b>
1. Overall, I am satisfied with how easy it is to use this system.	6.7	Strongly Agree
2. It was simple to use this system.	6.46	Strongly Agree
3. I can effectively complete my work using this system.	6.5	Strongly Agree
4. I am able to complete my work quickly using this system.	6.46	Strongly Agree
5. I am able to efficiently complete my work using this system.	6.33	Agree
6. I feel comfortable using this system.	5.43	Agree
7. It was easy to learn to use this system.	6.5	Strongly Agree
8. I believe I became productive quickly using this system.	6.4	Agree
9. The system gives error messages that clearly tell me how to fix problems.	6.13	Agree
10. Whenever I make a mistake using the system, I recover easily and quickly.	6.2	Agree
11. The information (such as on-line help, on-screen messages and other documentation) provided with this system is clear.	6.36	Agree
12. It is easy to find the information I need.	6.63	Strongly Agree
13. The information provided with the system is easy to understand.	6.3	Agree
14. The information is effective in helping me complete my work.	6.7	Strongly Agree
15. The organization of information on the system screens is clear.	6.43	Strongly Agree

16. The organization of information on the system screens is clear.	6.43	Strongly Agree
17. I like using the interface of this system.	6.5	Strongly Agree
18. This system has all the functions and capabilities I expect it to have.	6.33	Agree
19. Overall, I am satisfied with this system.	6.8	Strongly Agree
<b>Average Weighted Mean</b>	<b>6.39</b>	<b>Agree</b>

## **Chapter 3**

### **SUMMARY OF FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS**

#### **Summary of Findings**

Based from the results of the survey, the researchers found out that the establishment uses manual processes in the reservation of amenities and food. Moreover, the establishment has lack of system in the record management particularly on keeping and storing the record which was written only in the notes app in the tablet, calendar, logbook, or any piece of paper that leads to duplication of information and misplacement due to the manual method used. The identified problems and issues in the management of records had led the researchers to come up a solution which will make the reservation of amenities and food and other processes easy, secures records to prevent loss or misplacement and ease of access.

Based on the problem encountered, the manager/owner and front desk really needs a new strategy to improve their manual processes in a form of online-based method that will provide an accurate, fast and easy way of archiving and retrieving of data, secure and store data and information in the database of the resources and references to be utilized for effective and efficient data management. To solve the identified problem, designed and development of the Online Reservation System of Forest Garden Residences in Quezon, Bilar, Bohol was done to gape the need. It was designed and implemented with the following modules: reservation and administration; and generate manageable evaluation reports that will be used as basis for listing of information needed for reservation.

The needed data and information was gathered through personal interview, the researchers used interview guide questions and took all the details usable for the development of the system. Document review and observation was also done. Functionality test was evaluated in terms of web and system usability. The web usability revealed an average weighted mean of 4.64 with an interpretation of "Excellent". This implies that the system is strongly high on its web usability. The result suggests that the website features and operation provides satisfaction among respondents. The system usability revealed an average weighted mean of 6.39 with an interpretation of "Agree". This implies that the system can be used to handle client's reservation. The technology met the respondents' expectations in terms of function and capability. Likewise, it also revealed that the system was simple and easy to use, effective, informative, easy to understand and clear. Furthermore, the respondents agreed and found excellence with systems capabilities, functions and ease of use.

## **Conclusions**

Based on the findings of the study, the researchers concluded the following: the concern of the establishment has lack of system in acquiring of information and inefficiently practicing the manual method of record keeping and retrieval. With the system evaluation was interpreted as excellent, it indicates that the system is usable in the expectations of the respondents as to functions and capabilities had been achieved by the system. Moreover, the system has clear organization of information the content is very comprehensive, with good use interface and ease of use. Therefore, the Online Reservation System of Forest Garden Residences in

Quezon, Bilar, Bohol enhanced the efficiency of acquiring information and fits the requirements and expectations of the client. Adoption of the system requires minimal investment and incurs low operational cost. Hence, affordable and economical.

### **Recommendations**

Based from the observation during implementation and on the aforementioned conclusions, the researchers have recommended the following for efficient management, smooth system adoption and operation and for future development.

1. The owner/manager of the Forest Garden Residence must adopt the system to improve the reservation management using the Online Reservation System of Forest Garden Residences in Quezon, Bilar, Bohol bugs and errors.
2. Training or orientation must be conducted to the staff of Forest Garden Residence for the new system.
3. Regular system maintenance is required to ensure the system's security and integrity, as well as to ensure good internet connectivity to avoid lag time when using the system.
4. Official launching of the website for public awareness about the availability of the developed Online Reservation System of Forest Garden Residences in Quezon, Bilar, Bohol.

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# **APPENDICES**

# APPENDIX A

## Letter of Intent



Republic of the Philippines  
Bohol Island State University  
Bilar Campus  
Zamora, Bilar, Bohol



March 25, 2022

**JOANNE CY**  
Manager  
Forest Garden Residences  
Quezon, Bilar, Bohol

Ma'am:

Good day!

We, the 4<sup>th</sup> Year Students of Bachelor of Science in Computer Science of Bohol Island State University Bilar Campus will conduct a System Development project (Thesis) as requirements for graduation for the degree of Bachelor of Science in Computer Science.

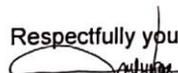
In this connection, we would like to ask permission to conduct a system study (thesis) basing on your Reservation System of this establishment as basis for our proposed automation. This study would include interview, observation of transactions and review of documents significant for the study and development of the system. We anticipate to have implementation testing (bench marking) of the system developed as part of usability testing.

We assure you that we shall honor secrecy and privacy to all data and information we shall be handling as we go along with our study. Your approval will be a great help to the success of our study.

We anticipate your favorable response regarding this matter.

Thank you very much and more power!

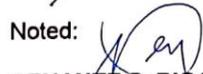
Respectfully yours,

  
**MIL JANE I. BUCAG**

  
**NEIL KAVIN T. ADLAWON**

**JEAN M. JARIOLNE**  
Researchers

Noted:

  
**RENANTE S. DIGAMON, PhD**  
Subject Instructor

Recommended by:

  
**SHEILA G. TABUNO**  
Chairperson, DCoS

  
**LEONIDA P. REVILLA**  
Thesis Adviser

Endorsed by:

  
**ARLEN B. GUDMALIN, PhD**  
Dean, CTAS

Approved by:

  
**JOANNE CY**  
Manager, Forest Garden Residences

## Letter of Implementation



Republic of the Philippines  
Bohol Island State University  
Bilar Campus  
Zamora, Bilar, Bohol



May 25, 2022

**JOANNE CY**  
Manager  
Forest Garden Residences  
Quezon, Bilar, Bohol

Ma'am:

Greetings!

It is our pleasure to inform you that the system "Forest Garden Residence Online Reservation System, Quezon, Bilar, Bohol" is now in its final phase. With this, we would like to conduct benchmarking activities as part of the implementation.

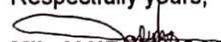
It will be conducted on May 25, 2022 at exactly 2:00 PM to 4:00 PM at Forest Garden Residence, Quezon, Bilar, Bohol. This activity will allow you to assess our developed system and give feedback, as well.

But this time, we would like to express our gratitude for allowing us to conduct our thesis study. We are hoping for future collaboration with you, our dear client.

May the good Lord continually bless you and your business.

Thank you very much and more power!

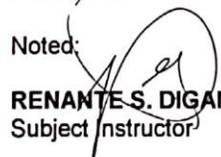
Respectfully yours,

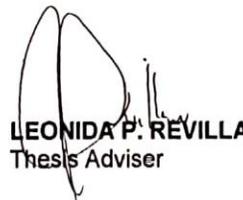
  
**MIL JANE T. BUCAG**

  
**NEIL KAVIN T. ADLAWON**

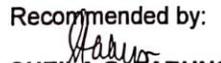
  
**JEAN M. JARIOLNE**  
Researchers

Noted:

  
**RENANTE S. DIGAMON, PhD**  
Subject Instructor

  
**LEONIDA P. REVILLA**  
Thesis Adviser

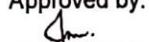
Recommended by:

  
**SHEILA G. TABUNO**  
Chairperson, DCoS

Endorsed by:

  
**ARLEN B. GUDMALIN, PhD**  
Dean, CTAS

Approved by:

  
**JOANNE CY**  
Manager, Forest Garden Residences

## Letter of Questionnaire Distribution and Implementation

Republic of the Philippines  
Bohol Island State University  
Bilar Campus  
Zamora, Bilar, Bohol

May 25, 2022

Dear Respondents,

Greetings!

We, the system researcher of the new automated system, wherein we integrated computer application in the basic processes of the business/establishment had come up with the final phase of our project development which is the testing and implementation. We have put into operation the developed system and we want you take part in the testing process.

We would like to get your views and opinion in the developed system, thus this survey is conducted. We wished to know your feedback as we work for the improvement of the system. It is rightfully needed to hear your side since it would you who would be using the developed system. Your input would be very valuable.

We really would appreciate it if you would take time and complete the questionnaire. The data that would be gathered shall be used for rating statistics in our developed system. If there are items you are confused with, feel free to ask and we would gladly assist you.

As we end this project, we wish to convey our heartfelt gratitude to the establishment for allowing us to conduct the study, the people who and helped and of course you our dear clients/end users/customers who had inspire use to dream greater than what was conceivable by the mind. Thank you so much!

Together let us build a better world for everyone.

Good day!

Researchers

## APPENDIX B

### Web Usability Questionnaire

adopted from system questionnaire by Lewis, J.R (1995)

Rating Scale

Scale	Description
5	Excellent (no problem)
4	Very Good (minor inconsistencies, aesthetic issues)
3	Good (non-critical, cause moderate confusion or irritation)
2	Fair (serious problem that needs high priority fix, user can make a significant error)
1	Poor (with severe problem)

Criteria for Web Usability	E	VG	G	F	P	NA
	5	4	3	2	1	0
<b>I. Navigation</b>						
1.1 Current location within the site is shown clearly						
1.2 Link to site's main page is clearly identified						
1.3 Major/important parts of the site are directly accessible from the main page						
1.4 Easy to use Search function is provided, as needed						
1.5 Site accommodates novice to expert users						
<b>II. Functionality</b>						
2.1 Functions are clearly labeled						
2.2 Essential functions are available without leaving the site						
2.3 Plug-ins are used only if they add value						
<b>III. User Control</b>						
3.1 Site reflects user's workflow						
3.2 User can cancel any operation						
3.3 Clear exit point is provided on every page						
3.4 Per page loads moderately to accommodate slow connection						
3.5 Currently used browser is supported						
<b>IV. Language and Content</b>						
4.1 Important information and task are given prominence						
4.2 Information of low relevance or rarely used						

information is not included					
4.3 Related information or tasks are grouped: on the same page or menu or in the same area within a page					
4.4 Language is simple, without jargon					
4.5 Paragraph are brief					
4.6 Link are concise, expressive, and visible— not buried in text					
4.7 Terms are defined					

**V. Online Help and User Guides**

5.1 It is always clear what is happening on the site – visual hints, etc.					
5.2 User can receive email feedback if necessary					
5.3 Confirmation screen is provided for form submittal					
5.4 All system feedback is timely					
5.5 Users are informed if a plug-in or browser version is required					
5.6 Each page includes a “last updated” date					

**VI. Consistency**

6.1 The same word or phrase is used consistently to describe an item					
6.2 Link reflects the title of the page to which it refers					
6.3 Browser page title is meaningful and reflects main page heading					

**VII. Error Prevention and Correction**

7.1 User can rely on recognition, not memory, for successful use of the site					
7.2 Site tolerates a reasonable variety of user actions					
7.3 Site provides concise instructions for user actions, including entry format					
7.4 Error message are visible, not hidden					
7.5 Error message are in plain language					
7.6 Error message describe action to remedy a problem					
7.7 Error message provide a clear exit point					

**VIII. Architectural and Visual Clarity**

- 8.1 Site is organized from the user's perspective
- 8.2 Site is easily scan able for organization and meaning
- 8.3 Site design and layout are redundant only when required for user productivity
- 8.4 White space is sufficient; page are not too dense
- 8.5 Unnecessary animation is avoided
- 8.6 Colors used for visited and unvisited links are easily seen and understood
- 8.7 Bold and italic text is used sparingly

--	--	--	--	--	--

## SYSTEM USABILITY QUESTIONNAIRE

Direction:

- Please rate the usability questionnaire
- Try to respond to all of the items
- For items that are not applicable, use N/A
- Make sure these fields are filled in

Rating Scale:

- 7 - Strongly Agree
- 6 - Agree
- 5 - Tend to Agree
- 4 - Neither Agree or Disagree
- 3 - Tend to disagree
- 2 - Disagree
- 1 - Strongly Disagree

Criteria for System Usability	Rating	Comments
1. Overall, I am satisfied with how easy it is to use this system.		
2. It was simple to use this system.		
3. I can effectively complete my work using this system.		
4. I am able to complete my work quickly using this system.		
5. I am able to efficiently complete my work using this system.		
6. I feel comfortable using this system.		
7. It was easy to learn to use this system.		
8. I believe I became productive quickly using this system.		
9. The system gives error messages that clearly tell me how to fix problems.		
10. Whenever I make a mistake using the system, I recover easily and quickly.		
11. The information (such as on-line help, on-screen messages and other documentation) provided with this system is clear.		

12. It is easy to find the information I need.		
13. The information provided with the system is easy to understand.		
14. The information is effective in helping me complete my work.		
15. The organization of information on the system screens is clear.		
16. The organization of information on the system screens is clear.		
17. I like using the interface of this system.		
18. This system has all the functions and capabilities I expect it to have.		
19. Overall, I am satisfied with this system.		

Based on Lewis J. R. (1995) IBM Computer Usability Satisfaction Questionnaires: Psychometric Evaluation and Instructions for Use

## **INTERVIEW GUIDE QUESTIONS**

### **Front Desk**

1. Who is the in-charge for all the reservation of services and information?
2. What are the process involved in the present system?
3. How are the reservations being done?
4. How does the in-charge update the gathered data?
5. Who will be the beneficiary of the system?

### **Manager/Owner**

1. What are the operations and processes involved in the present system of Forest Garden Residences in recording and reservation of services?
2. Who is the in-charge for all the reservation of services?
3. What are the needs of the Forest Garden Residences in reservations of services?
4. What is the level of web acceptability as perceived by the target users?
5. What is the economic performance of the system in terms of initial investment and annual operating cost?

## **APPENDIX C**

### **User's Manual**

#### **A. Accessing the system**

##### **Steps:**

1. Enter the URL to redirect to admin log-in page.
2. Enter Username and Password.
3. Click "Login" button.
4. System will automatically detect if you're the Manager/Owner or Front Desk.

#### **B. Online Reservation of Rooms**

##### **Steps:**

1. Go to the website Forest Garden Residences;
2. Go to "Accommodations" menu. Select "Rooms" button.
3. Click "Reserve Now" button;
4. Enter Check-in and Check-out dates. Click "Submit" button;
5. Select Available Rooms. Click "Book Now" button;
6. Click "OK" to agree terms and conditions on Forest Garden Residences; and
7. Fill-up the "Reservation Form". Click "Submit" button.

#### **C. Online Reservation of Pool**

##### **Steps:**

1. Go to the website Forest Garden Residences;
2. Go to "Accommodations" menu. Select "Pool & Jacuzzi" button.

3. Click "Reserve Now" button;
4. Enter Check-in and Check-out dates. Click "Submit" button;
5. Fill-up the "Reservation Form".
6. Click "OK" to agree terms and conditions on Forest Garden Residences; and
7. Click "Submit" button.

#### D. Online Reservation of Restaurant

##### Steps:

1. Go to the website Forest Garden Residences;
2. Go to "Accommodations" menu. Select "Restaurant" button.
3. Click "Make an Order" button;
4. Select Menus. Enter Quantity;
5. Type Customer name;
6. Select Payment Method. Enter Reference No. (If only chosen GCash);
7. Select Type of Order. Click "Submit" button; and
8. Click "View" button to show the order summary of the customer.

#### E. Reserved Room Client Check-in

##### Steps:

1. Login Manager/Owner or Front Desk;
2. Click "Room Status" button;
3. Click "Pendings" button. Select/Search client information;
4. Look for the "Action" in the table; and

5. Click "Check-in" button.

#### F. Reserved Pool Client Check-in

##### Steps:

1. Login Manager/Owner or Front Desk;
2. Click "Pool Status" button;
3. Click "Pendings" button. Select/Search client information;
4. Look for the "Action" in the table; and
5. Click "Check-in" button.

#### G. Reserved Menu Client Check-in

##### Steps:

1. Login Manager/Owner or Front Desk;
2. Click "Menu Status" button;
3. Click "Pendings" button. Select/Search client information;
4. Look for the "Action" in the table; and
5. Click "Check-in" button.

#### H. Check-out of Rooms Reservation

##### Steps:

1. Login Manager/Owner or Front Desk;
2. Click "Room Status" button;
3. Click "Check in" button. Select/Search client information;
4. Look for the "Action" in the table; and
5. Click "Check-out" button.

#### I. Check-out of Pool Reservation

Steps:

1. Login Manager/Owner or Front Desk;
2. Click "Pool Status" button;
3. Click "Check in" button. Select/Search client information;
4. Look for the "Action" in the table; and
5. Click "Check-out" button.

J. Cancellation of Rooms Reservation

Steps:

1. Login Manager/Owner or Front Desk;
2. Click "Room Status" button;
3. Click "Pendings" button. Select/Search client information;
4. Look for the "Action" in the table; and
5. Click "Discard" button.

K. Cancellation of Pool & Jacuzzi Reservation

Steps:

1. Login Manager/Owner or Front Desk;
2. Click "Pool Status" button;
3. Click "Pendings" button. Select/Search client information;
4. Look for the "Action" in the table; and
5. Click "Discard" button.

L. Cancellation of Menu Reservation

Steps:

1. Login Manager/Owner or Front Desk;

2. Click "Menu Status" button;
3. Click "Pendings" button. Select/Search client information;
4. Look for the "Action" in the table; and
5. Click "Discard" button.

#### M. Adding, Editing, Deleting of Rooms

##### Steps:

1. Login Manager/Owner;
2. Click "Room" button;
3. Select/search room information;
4. Click "Add Room" button to add another room;
5. Click "Edit" button to edit the room; and
6. Click "Delete" button to delete room.

#### N. Adding, Editing, Deleting of Pool

##### Steps:

1. Login Manager/Owner;
2. Click "Pool" button;
3. Select/search room information;
4. Click "Add Pool" button to add another pool;
5. Click "Edit" button to edit the pool; and
6. Click "Delete" button to delete pool.

#### O. Adding, Editing, Deleting of Menus

##### Steps:

1. Login Manager/Owner;

2. Click “Menus” button;
3. Select/search room information;
4. Click “Add Menu” button to add another menu;
5. Click “Edit” button to edit the menu; and
6. Click “Delete” button to delete menu.

#### P. Accessing Reports

##### Steps:

1. Login Manager/Owner;
2. Click / Select “Graphical reports and Tabular reports” you want to access reports.

#### Q. Accessing User Account

##### Steps:

1. Login Manager/Owner;
2. Click “User Account” button;
3. Select/search room information;
4. Click “Create New Account” button to add another user;
5. Click “Edit” button to edit the information; and
6. Click “Delete” button to delete user.

#### R. View Client Ratings

##### Steps:

1. Browse the Forest Garden Residences website;
2. Click “Review” button;
3. Fill-up name and reviews. Choose stars; and
4. Click “Submit” button.

## APPENDIX D

### Source Code

#### Forest Garden Residence Website

##### index.php

```
<?php
include('db.php');
?>

<!DOCTYPE html>
<html lang="en"><!-- Basic -->
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <!-- Mobile Metas -->
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- Site Metas -->
    <title>Forest Garden Residence</title>
    <meta name="keywords" content="">
    <meta name="description" content="">
    <meta name="author" content="">

    <!-- Site Icons -->
    <link rel="shortcut icon" href="images/favicon.ico" type="image/x-icon">
    <link rel="apple-touch-icon" href="images/apple-touch-icon.png">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="csss/bootstrap.min.css">
    <!-- Site CSS -->
    <link rel="stylesheet" href="csss/style.css">
    <!-- Responsive CSS -->
    <link rel="stylesheet" href="csss/responsive.css">
    <!-- Custom CSS -->
    <link rel="stylesheet" href="csss/custom.css">

    <!--[if lt IE 9]>
    <script src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>
    <script src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>
    <![endif]-->

    <link rel="stylesheet" href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous"/>
    <script src="https://code.jquery.com/jquery-3.6.0.min.js" integrity="sha256-
/xUj+3OJU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous"></script>
```

```

</head>

<body>
  <!-- Start header -->
  <header class="top-navbar">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <div class="container">
        <a class="navbar-brand" href="index.php">
          
        </a>
        <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbars-rs-food" aria-controls="navbars-rs-food" aria-
expanded="false" aria-label="Toggle navigation">
          <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbars-rs-food">
          <ul class="navbar-nav ml-auto">
            <li class="nav-item active"><a class="nav-link"
href="index.php">Home</a></li>
            <li class="nav-item dropdown">
              <a class="nav-link dropdown-toggle"
href="#" id="dropdown-a" data-toggle="dropdown">Accomodations</a>
              <div class="dropdown-menu" aria-
labelledby="dropdown-a">
                <a class="dropdown-item"
href="rooms.php">Rooms</a>
                <a class="dropdown-item"
href="pool.php">Pool</a>
                <a class="dropdown-item"
href="restaurant.php">Restaurant</a>
              </div>
            </li>
            <li class="nav-item"><a class="nav-link"
href="gallery.php">Gallery</a></li>
          </ul>
        </div>
      </div>
    </nav>
  </header>
  <!-- End header -->

  <!-- Start slides -->
  <div id="slides" class="cover-slides">
    <ul class="slides-container">
      <li class="text-center">
        
        <div class="container">
          <div class="row">
            <div class="col-md-12">
              <h1 class="m-b-20"><strong>Welcome
To <br> Forest Garden Residence</strong></h1>
              <p class="m-b-40">Experience the
Natural Forestry Surrounding </p>

```

```

                <p><a class="btn btn-lg btn-circle btn-
outline-new-white" href="selectdates.php" target="_blank">Make A Reservation</a></p>
            </div>
        </div>
    </div>
</li>
<li class="text-center">
    
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <h1 class="m-b-20"><strong>Welcome
To <br> Forest Garden Residence</strong></h1>
                <p class="m-b-40">Make Your Stay
Comfortable</p>
                <p><a class="btn btn-lg btn-circle btn-
outline-new-white" href="restaurant.php" target="_blank">Make A Reservation</a></p>
            </div>
        </div>
    </div>
</li>
<li class="text-center">
    
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <h1 class="m-b-20"><strong>Welcome
To <br> Forest Garden Residence</strong></h1>
                <p class="m-b-40">A Best Place To
Freshen Your Minds</p>
                <p><a class="btn btn-lg btn-circle btn-
outline-new-white" href="poolsetdates.php" target="_blank">Make A Reservation</a></p>
            </div>
        </div>
    </div>
</li>
<li class="text-center">
    
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <h1 class="m-b-20"><strong>Welcome
To <br> Forest Garden Residence</strong></h1>
                <p class="m-b-40">Serve with Love</p>
                <p><a class="btn btn-lg btn-circle btn-
outline-new-white" href="selectdates.php" target="_blank">Make A Reservation</a></p>
            </div>
        </div>
    </div>
</li>
</ul>
<div class="slides-navigation">
    <a href="#" class="next"><i class="fa fa-angle-right" aria-
hidden="true"></i></a>
    <a href="#" class="prev"><i class="fa fa-angle-left" aria-
hidden="true"></i></a>

```

```

        </div>
    </div>
    <!-- End slides -->
    <!-- Start About -->
    <div class="about-section-box">
        <div class="container">
            <div class="row">
                <div class="col-lg-6 col-md-6 col-sm-12">
                    
                </div>
                <div class="col-lg-6 col-md-6 col-sm-12 text-center">
                    <div class="inner-column" style="text-align: justify">
                        <h1>Welcome To <br><span>Forest Garden
Residence</span></h1>
                        <h4>Our Story</h4>
                        <p>The Forest Garden Residences is located in
Quezon, Bilar, Bohol, an astounding soothing residence excellent for stress relief. The business
was previously known as "Belgium," but the name was later referred as "Forest Garden
Residences" emphasizing the owner's commitment to preserving the establishment's natural
green beauty, which is why they wanted to alter the name to reflect the establishment's primary
objective. The residence is also an ideal place for families, couples, or individuals to enjoy the
beauty of nature and especially the comfortable accommodations. The Forest Garden
Residences offered amenities such as pool, jacuzzi, restaurant, and rooms for reservations. The
breathtaking nature scenery, the delectable food, and the heart-warming hospitality are the heart
of Forest Garden, and every guest will love staying in touch with it. It is a dwelling that values and
preserves its natural surroundings the most. </p>
                        <a class="btn btn-lg btn-circle btn-outline-new-
white" href="selectdates.php" target="_blank">Make A Reservation</a>
                    </div>
                </div>
            </div>
        </div>
    <!-- End About -->

    <!-- Start Menu -->
    <div class="menu-box">
        <div class="container">
            <div class="row">
                <div class="col-lg-12">
                    <div class="heading-title text-center">
                        <h2>Featured</h2>
                        <p>Take a glance to our FEATURED
Accomodations.</p>
                    </div>
                </div>
            </div>
        </div>
    <div class="row">
        <div class="col-lg-12">
            <div class="special-menu text-center">
                <div class="button-group filter-button-group">
                    <button class="active" data-
filter="*">All</button>

```

```

filter=".drinks">Restaurant</button>
filter=".lunch">Pool</button>
filter=".dinner">Rooms</button>
</div>
</div>
</div>
<div class="row special-list">
  <div class="col-lg-4 col-md-6 special-grid drinks">
    <div class="gallery-single fix">
      
      <div class="why-text">
        <h4>Best Meal</h4>
        <p>Buttered Chicken</p>
        <h5> Php 395.00</h5>
      </div>
    </div>
  </div>
  <div class="col-lg-4 col-md-6 special-grid drinks">
    <div class="gallery-single fix">
      
      <div class="why-text">
        <h4>Best Seller Snacks</h4>
        <p>Shawarma (Pork/Chicken)</p>
        <h5> Php 185.00</h5>
      </div>
    </div>
  </div>
  <div class="col-lg-4 col-md-6 special-grid drinks">
    <div class="gallery-single fix">
      
      <div class="why-text">
        <h4>Best Appetizer</h4>
        <p>Shrimp Cocktail</p>
        <h5> Php .00</h5>
      </div>
    </div>
  </div>
  <div class="col-lg-4 col-md-6 special-grid lunch">
    <div class="gallery-single fix">
      
      <div class="why-text">
        <h4>Pool</h4>
        <p>Enjoy our refreshing swimming pool.</p>

```

```

                <h5> Php 100.00 per head</h5>
            </div>
        </div>
    </div>
    <div class="col-lg-4 col-md-6 special-grid lunch">
        <div class="gallery-single fix">
            
            <div class="why-text">
                <h4>Pool</h4>
                <p>Enjoy our refreshing swimming
pool.</p>
                <h5> Php 100.00 per head</h5>
            </div>
        </div>
    </div>
    <div class="col-lg-4 col-md-6 special-grid lunch">
        <div class="gallery-single fix">
            
            <div class="why-text">
                <h4>Pool</h4>
                <p>Enjoy our refreshing swimming
pool.</p>
                <h5> Php 100.00 per head</h5>
            </div>
        </div>
    </div>
    <div class="col-lg-4 col-md-6 special-grid dinner">
        <div class="gallery-single fix">
            
            <div class="why-text">
                <h4>Room</h4>
                <p>Stay comfortable with free use of
pool.</p>
                <p> Php 1500.00 for 2 persons</p>
            </div>
        </div>
    </div>
    <div class="col-lg-4 col-md-6 special-grid dinner">
        <div class="gallery-single fix">
            
            <div class="why-text">
                <h4>Room</h4>
                <p>Stay comfortable with free use of
pool.</p>
                <p>Additional bed only Php 500.00</p>
            </div>
        </div>
    </div>

```

```

        <div class="col-lg-4 col-md-6 special-grid dinner">
            <div class="gallery-single fix">
                
                <div class="why-text">
                    <h4>Room</h4>
                    <p>Stay comfortable with free use of
pool.</p>
                    <p>Additional bed only Php 500.00</p>
                </div>
            </div>
        </div>
    </div>
</div>
<!-- End Menu -->

<!-- Start Customer Reviews -->

    <div class="container">
        <div class="card">
            <div class="card-header"><h1>Client Reviews</h1></div>
            <div class="card-body">
                <div class="row">
                    <div class="col-sm-4 text-center">
                        <h1 class="text-warning mt-4 mb-4">
                            <b><span id="average_rating">0.0</span> /
5</b>
                        </h1>
                        <div class="mb-3">
                            <i class="fas fa-star star-light mr-1
main_star"></i>
                            <i class="fas fa-star star-light mr-1 main_star"></i>
                            <i class="fas fa-star star-light mr-1 main_star"></i>
                            <i class="fas fa-star star-light mr-1 main_star"></i>
                        </div>
                        <h3><span id="total_review">0</span> Review</h3>
                    </div>
                    <div class="col-sm-4">
                        <p>
                            <div class="progress-label-left"><b>5</b> <i class="fas fa-star text-
warning"></i></div>
                            <div class="progress-label-right"><span
id="total_five_star_review">0</span></div>
                            <div class="progress">
                                <div class="progress-bar bg-warning" role="progressbar" aria-valuenow="0"
aria-valuemin="0" aria-valuemax="100" id="five_star_progress"></div>
                            </div>
                        </p>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

        <div class="progress-label-left"><b>4</b> <i class="fas fa-star text-
warning"></i></div>

        <div class="progress-label-right"><span
id="total_four_star_review">0</span></div>
        <div class="progress">
            <div class="progress-bar bg-warning" role="progressbar" aria-valuenow="0"
aria-valuemin="0" aria-valuemax="100" id="four_star_progress"></div>
        </div>
    </p>

    <p>
        <div class="progress-label-left"><b>3</b> <i class="fas fa-star text-
warning"></i></div>

        <div class="progress-label-right"><span
id="total_three_star_review">0</span></div>
        <div class="progress">
            <div class="progress-bar bg-warning" role="progressbar" aria-valuenow="0"
aria-valuemin="0" aria-valuemax="100" id="three_star_progress"></div>
        </div>
    </p>

    <p>
        <div class="progress-label-left"><b>2</b> <i class="fas fa-star text-
warning"></i></div>

        <div class="progress-label-right"><span
id="total_two_star_review">0</span></div>
        <div class="progress">
            <div class="progress-bar bg-warning" role="progressbar" aria-valuenow="0"
aria-valuemin="0" aria-valuemax="100" id="two_star_progress"></div>
        </div>
    </p>

    <p>
        <div class="progress-label-left"><b>1</b> <i class="fas fa-star text-
warning"></i></div>

        <div class="progress-label-right"><span
id="total_one_star_review">0</span></div>
        <div class="progress">
            <div class="progress-bar bg-warning" role="progressbar" aria-valuenow="0"
aria-valuemin="0" aria-valuemax="100" id="one_star_progress"></div>
        </div>
    </p>
</div>
<div class="col-sm-4 text-center">
    <h3 class="mt-4 mb-3">Write Review Here</h3>
    <button type="button" name="add_review"
id="add_review" class="btn btn-primary">Review</button>
</div>
</div>
</div>
<div class="mt-5" id="review_content"></div>
</div>
</body>
</html>

```

```

<div id="review_modal" class="modal" tabindex="-1" role="dialog">
  <div class="modal-dialog" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title">Submit Review</h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="Close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>
      <div class="modal-body">
        <h4 class="text-center mt-2 mb-4">
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_1" data-
rating="1"></i>
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_2" data-
rating="2"></i>
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_3" data-
rating="3"></i>
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_4" data-
rating="4"></i>
          <i class="fas fa-star star-light submit_star mr-1" id="submit_star_5" data-
rating="5"></i>
        </h4>
        <div class="form-group">
          <input type="text" name="user_name" id="user_name" class="form-
control" placeholder="Enter Your Name" />
        </div>
        <div class="form-group">
          <textarea name="user_review" id="user_review" class="form-control"
placeholder="Type Review Here"></textarea>
        </div>
        <div class="form-group text-center mt-4">
          <button type="button" class="btn btn-primary"
id="save_review">Submit</button>
        </div>
      </div>
    </div>
  </div>
</div>

<style>
.progress-label-left
{
  float: left;
  margin-right: 0.5em;
  line-height: 1em;
}
.progress-label-right
{
  float: right;
  margin-left: 0.3em;
  line-height: 1em;
}
.star-light
{
  color:#e9ecef;
}

```

```
}
</style>

<script>

$(document).ready(function(){
    var rating_data = 0;

    $('#add_review').click(function(){
        $('#review_modal').modal('show');
    });

    $(document).on('mouseenter', '.submit_star', function(){
        var rating = $(this).data('rating');

        reset_background();

        for(var count = 1; count <= rating; count++)
        {
            $('#submit_star_'+count).addClass('text-warning');
        }
    });

    function reset_background()
    {
        for(var count = 1; count <= 5; count++)
        {
            $('#submit_star_'+count).addClass('star-light');

            $('#submit_star_'+count).removeClass('text-warning');
        }
    }

    $(document).on('mouseleave', '.submit_star', function(){
        reset_background();

        for(var count = 1; count <= rating_data; count++)
        {
            $('#submit_star_'+count).removeClass('star-light');

            $('#submit_star_'+count).addClass('text-warning');
        }
    });
});
```

```

$(document).on('click', '.submit_star', function(){
    rating_data = $(this).data('rating');
});

$('#save_review').click(function(){
    var user_name = $('#user_name').val();
    var user_review = $('#user_review').val();

    if(user_name == "" || user_review == "")
    {
        alert("Please Fill Both Field");
        return false;
    }
    else
    {
        $.ajax({
            url:"submit_rating.php",
            method:"POST",
            data:{rating_data:rating_data, user_name:user_name, user_review:user_review},
            success:function(data)
            {
                $('#review_modal').modal('hide');

                load_rating_data();

                alert(data);
            }
        })
    }
});

load_rating_data();

function load_rating_data()
{
    $.ajax({
        url:"submit_rating.php",
        method:"POST",
        data:{action:'load_data'},
        dataType:"JSON",
        success:function(data)
        {
            $('#average_rating').text(data.average_rating);
            $('#total_review').text(data.total_review);

            var count_star = 0;

            $('.main_star').each(function(){
                count_star++;
                if(Math.ceil(data.average_rating) >= count_star)
                {

```

```

        $(this).addClass('text-warning');
        $(this).addClass('star-light');
    }
});

$('#total_five_star_review').text(data.five_star_review);

$('#total_four_star_review').text(data.four_star_review);

$('#total_three_star_review').text(data.three_star_review);

$('#total_two_star_review').text(data.two_star_review);

$('#total_one_star_review').text(data.one_star_review);

$('#five_star_progress').css('width', (data.five_star_review/data.total_review) * 100 +
'%');

$('#four_star_progress').css('width', (data.four_star_review/data.total_review) * 100 +
'%');

$('#three_star_progress').css('width', (data.three_star_review/data.total_review) * 100 +
'%');

$('#two_star_progress').css('width', (data.two_star_review/data.total_review) * 100 +
'%');

$('#one_star_progress').css('width', (data.one_star_review/data.total_review) * 100 +
'%');

if(data.review_data.length > 0)
{
    var html = "";

    for(var count = 0; count < data.review_data.length; count++)
    {
        html += '<div class="row mb-3">';

        html += '<div class="col-sm-1"><div class="rounded-circle bg-danger text-white pt-
2 pb-2"><h3 class="text-
center">'+data.review_data[count].user_name.charAt(0)+'</h3></div></div>';

        html += '<div class="col-sm-11">';

        html += '<div class="card">';

        html += '<div class="card-
header"><b>'+data.review_data[count].user_name+'</b></div>';

        html += '<div class="card-body">';

        for(var star = 1; star <= 5; star++)
        {
            var class_name = "";

            if(data.review_data[count].rating >= star)

```

```

        {
            class_name = 'text-warning';
        }
        else
        {
            class_name = 'star-light';
        }

        html += '<i class="fas fa-star '+class_name+' mr-1"></i>';
    }

    html += '<br />';

    html += data.review_data[count].user_review;

    html += '</div>';

    html += '<div class="card-footer text-right">On
+data.review_data[count].datetime+</div>';

    html += '</div>';

    html += '</div>';

    html += '</div>';
}

$('#review_content').html(html);
}
})
}
});
</script>

</div>

<!-- End Customer Reviews -->

<!-- Start Contact info -->
<div class="contact-imfo-box">
    <div class="container">
        <div class="row">
            <div class="col-md-4">
                <i class="fa fa-volume-control-phone"></i>
                <div class="overflow-hidden">
                    <h4>Cellphone Number</h4>
                    <p class="lead">
                        +63 961 203 5710
                    </p>
                </div>
            </div>
            <div class="col-md-4">
                <i class="fa fa-envelope"></i>

```

```
<div class="overflow-hidden">
  <h4>Email Account</h4>
  <p class="lead">
    tonycomyn@yahoo.com
  </p>
</div>
</div>
<div class="col-md-4">
  <i class="fa fa-map-marker"></i>
  <div class="overflow-hidden">
    <h4>Location</h4>
    <p class="lead">
      6317 | Quezon, Bilar, Bohol Philippines
    </p>
  </div>
</div>
</div>
</div>
</div>
<!-- End Contact info -->

<!-- Start Footer -->
<footer class="footer-area bg-f">
  <div class="container">
    <div class="row">
      <div class="col-lg-3 col-md-6">
        <h3>About Us</h3>
        <p>Foods relaxation in natural forestry surrounding.
<br>
        Restaurant | Nature Preserve</p>

        <ul class="list-inline f-social">
          <li class="list-inline-item"><a
href="https://web.facebook.com/Forest-Garden-Residence-106783491237374"
target="_blank"><i class="fa fa-facebook" aria-hidden="true"></i></a></li>
          <li class="list-inline-item"><a
href="twitter.com"><i class="fa fa-twitter" aria-hidden="true"></i></a></li>
          <li class="list-inline-item"><a
href="gmail.com"><i class="fa fa-google-plus" aria-hidden="true"></i></a></li>
          <li class="list-inline-item"><a
href="instagram.com"><i class="fa fa-instagram" aria-hidden="true"></i></a></li>
        </ul>

      </div>
      <div class="col-lg-3 col-md-6">
        <h3>Opening hours</h3>
        <p><span class="text-color">Monday - Sunday :
</span> 9:00 AM - 9:00 PM</p>

      </div>
      <div class="col-lg-3 col-md-6">
        <h3>Contact information</h3>
        <p class="lead">6317 | Quezon, Bilar, Bohol
        Philippines</p>

```

<p class="lead"><a href="https://web.facebook.com/Forest-Garden-Residence-106783491237374" target="\_blank">Facebook Page </a></p>

<p class="lead"> Email Account <br>tonycomyn@yahoo.com</p>

</div>  
<div class="col-lg-3 col-md-6">  
<h3>Our Location</h3>

<p><iframe src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3932.8702369665307!2d124.09455321427004!3d9.692114880920174!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x33aa4142e8af929f%3A0xb1d8dcee33573ce4!2sForest%20garden%20residence!5e0!3m2!1sen!2sph!4v1653152951792!5m2!1sen!2sph" width="350" height="250" style="border:0;" allowfullscreen="" loading="lazy" referrerpolicy="no-referrer-when-downgrade"></iframe></p>

</div>  
</div>  
</div>

<div class="copyright">  
<div class="container">  
<div class="row">  
<div class="col-lg-12">  
<p class="company-name">All Rights Reserved.  
&copy; 2022 <a href="#">Forest Garden Residences</a> Design By :  
<a href="https://html.design/">KAPE  
DEVELOPER</a></p>

</div>  
</div>  
</div>  
</div>

</footer>  
<!-- End Footer -->

<a href="#" id="back-to-top" title="Back to top" style="display: none;">&uarr;</a>

<!-- ALL JS FILES -->  
<script src="js/jquery-3.2.1.min.js"></script>  
<script src="js/popper.min.js"></script>  
<script src="js/bootstrap.min.js"></script>  
<!-- ALL PLUGINS -->  
<script src="js/jquery.superslides.min.js"></script>  
<script src="js/images-loded.min.js"></script>  
<script src="js/isotope.min.js"></script>  
<script src="js/baguetteBox.min.js"></script>  
<script src="js/form-validator.min.js"></script>  
<script src="js/contact-form-script.js"></script>  
<script src="js/custom.js"></script>  
</body>  
</html>

## selectdates.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Forest Garden Residence</title>
  <!-- Bootstrap Styles-->
  <link href="css/bootstraps.css" rel="stylesheet" />
  <!-- Custom Styles-->
  <link href="css/custom-styles.css" rel="stylesheet" />
  <!-- Google Fonts-->
  <link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet' type='text/css' />

  <link href="css/com.css" rel="stylesheet" />
  <link rel="stylesheet" href="fontawesome-free-5.13.0-web/css/all.css">

  <!-- jQuery Js -->
  <script src="js/jquery-1.10.2.js"></script>
  <!-- Bootstrap Js -->
  <script src="js/bootstrap.min.js"></script>
  <!-- Metis Menu Js -->
  <script src="js/jquery.metisMenu.js"></script>
  <!-- Custom Js -->
  <script src="js/custom-scripts.js"></script>

  <script type="text/javascript" src="bootstrap-4.4.1-dist/js/bootstrap.min.js"></script>
  <script type="text/javascript" src="js/jquery-3.4.1.min.js"></script>
  <script type="text/javascript" src="js/datepicker.js"></script>
  <link href="css/datepicker.css" rel="stylesheet" type="text/css" />
  <script type="text/javascript">
  //

  /*
    A "Reservation Date" example using two datePickers
    -----

    * Functionality

    1. When the page loads:
      - We clear the value of the two inputs (to clear any values cached by the browser)
      - We set an "onchange" event handler on the startDate input to call the
setReservationDates function
    2. When a start date is selected
      - We set the low range of the endDate datePicker to be the start date the user has
just selected
      - If the endDate input already has a date stipulated and the date falls before the
new start date then we clear the input's value

    * Caveats (aren't there always)

    - This demo has been written for dates that have NOT been split across three inputs

  */</pre></div>
```

```

function makeTwoChars(inp) {
    return String(inp).length < 2 ? "0" + inp : inp;
}

function initialiseInputs() {
    // Clear any old values from the inputs (that might be cached by the browser after a
page reload)
    document.getElementById("sd").value = "";
    document.getElementById("ed").value = "";

    // Add the onchange event handler to the start date input
    datePickerController.addEvent(document.getElementById("sd"), "change",
setReservationDates);
}

var initAttempts = 0;

function setReservationDates(e) {
    // Internet Explorer will not have created the datePickers yet so we poll the
datePickerController Object using a setTimeout
    // until they become available (a maximum of ten times in case something has gone
horribly wrong)

    try {
        var sd = datePickerController.getDatePicker("sd");
        var ed = datePickerController.getDatePicker("ed");
    } catch (err) {
        if(initAttempts++ < 10) setTimeout("setReservationDates()", 50);
        return;
    }

    // Check the value of the input is a date of the correct format
    var dt = datePickerController.dateFormat(this.value, sd.format.charAt(0) == "m");

    // If the input's value cannot be parsed as a valid date then return
    if(dt == 0) return;

    // At this stage we have a valid YYYYMMDD date

    // Grab the value set within the endDate input and parse it using the dateFormat
method
    // N.B: The second parameter to the dateFormat function, if TRUE, tells the function to
favour the m-d-y date format
    var edv = datePickerController.dateFormat(document.getElementById("ed").value,
ed.format.charAt(0) == "m");

    // Set the low range of the second datePicker to be the date parsed from the first
ed.setRangeLow( dt );

    // If theres a value already present within the end date input and it's smaller than the
start date
    // then clear the end date value
    if(edv < dt) {
        document.getElementById("ed").value = "";
    }
}

```

```

function removeInputEvents() {
    // Remove the onchange event handler set within the function initialiseInputs
    datePickerController.removeEvent(document.getElementById("sd"), "change",
setReservationDates);
}

datePickerController.addEvent(window, 'load', initialiseInputs);
datePickerController.addEvent(window, 'unload', removeInputEvents);

//]]>
</script>

<!--sa error trapping-->
<script type="text/javascript">
function validateForm()
{

var x=document.forms["selectdates"]["arrival"].value;
if (x==null || x=="")
{
    alert("you must enter your check in Date(click the calendar icon)");
    return false;
}
var y=document.forms["selectdates"]["departure"].value;
if (y==null || y=="")
{
    alert("you must enter your check out Date(click the calendar icon)");
    return false;
}
}
</script>
<!--sa minus date-->
<script type="text/javascript">
    // Error checking kept to a minimum for brevity

    function setDifference(frm) {
        var dtElem1 = frm.elements['arrival'];
        var dtElem2 = frm.elements['departure'];
        var resultElem = frm.elements['day'];

// Return if no such element exists
        if(!dtElem1 || !dtElem2 || !resultElem) {
return;
        }

        //assuming that the delimiter for dt time picker is a '/'.
        var x = dtElem1.value;
        var y = dtElem2.value;
        var arr1 = x.split('/');
        var arr2 = y.split('/');

// If any problem with input exists, return with an error msg
        if(!arr1 || !arr2 || arr1.length != 3 || arr2.length != 3) {
resultElem.value = "Invalid Input";
return;

```

```

    }

    var dt1 = new Date();
    dt1.setFullYear(arr1[2], arr1[1], arr1[0]);
    var dt2 = new Date();
    dt2.setFullYear(arr2[2], arr2[1], arr2[0]);

    resultElem.value = (dt2.getTime() - dt1.getTime()) / (60 * 60 * 24 * 1000);
  }
</script>

<!--===== CSS ===== -->
<link rel="stylesheet" href="admin/assets/css/styles.css">

<!--===== Boxicons CSS =====>
<link href='https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css' rel='stylesheet'>

</head>
<body>

  <div id="wrapper" class="offset">
    <nav class="navbar-default navbar-side" role="navigation">
      <div class="sidebar-collapse">
        <ul class="nav" id="main-menu">

          <li>
            <a href="index.php" style="text-decoration: none;"><i class="fa fa-home"></i>
Homepage</a>
          </li>
        </ul>
      </div>
    </nav>

    <div id="page-wrapper" >
      <div id="page-inner">
        <div class="row">
          <div class="col-md-12">
            <h1 class="page-header">
              Select Dates <small></small>
            </h1>

            <div class="select" style="margin-left: 15%;">
              <form action="reserveroom.php" method="post">

                <label>Start Date:</label>

                <input type="text" name="arrival" id="sd" class="w8em format-d-m-y highlight-
days-67 range-low-today" required="required" > &nbsp; <i class="fa fa-calendar"></i> &nbsp; &nbsp;

                <label>End Date:</label>
                <input type="text" name="departure" id="ed" class="w8em format-d-m-y highlight-
days-67 range-low-today" required="required"> &nbsp; &nbsp; <i class="fa fa-calendar"></i>

                <hr><center>
                <input type="hidden" name="day" id="day" />

```

```

                <span><input type="submit" onclick="setDifference(this.form);" value="CHECK
AVAILABILITY" style="height: 34px; width: 191px; " /></span></center>
            </div>
        </form>
    </div>

</div>
</div>
</div>
</div>

</body>
</html>

```

### **poolreserve.php**

```

<?php
include('db.php')
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Forest Garden Residence</title>
<!-- Bootstrap Styles-->
    <link href="css/bootstraps.css" rel="stylesheet" />
    <!-- Custom Styles-->
    <link href="css/custom-styles.css" rel="stylesheet" />
    <!-- Google Fonts-->
    <link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet' type='text/css' />

    <link href="css/com.css" rel="stylesheet" />
    <link rel="stylesheet" href="fontawesome-free-5.13.0-web/css/all.css">

<!-- jQuery Js -->
<script src="js/jquery-1.10.2.js"></script>
    <!-- Bootstrap Js -->
    <script src="js/bootstrap.min.js"></script>
    <!-- Metis Menu Js -->
    <script src="js/jquery.metisMenu.js"></script>
    <!-- Custom Js -->

```

```
<script src="js/custom-scripts.js"></script>
```

```
<script type="text/javascript">  
  $(document).ready(function(){  
    //alert("ok");  
  });  
</script>
```

```
<!--===== CSS ===== -->  
<link rel="stylesheet" href="admin/assets/css/styles.css">
```

```
<!--===== Boxicons CSS =====>  
<link href='https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css' rel='stylesheet'>
```

```
</head>
```

```
<body>
```

```
<div id="wrapper">
```

```
<nav class="navbar-default navbar-side" role="navigation">
```

```
<div class="sidebar-collapse">
```

```
<ul class="nav" id="main-menu">
```

```
<li>
```

```
<a href=" ../index.php"><i class="fa fa-home"></i> Homepage</a>
```

```
</li>
```

```
</ul>
```

```
</div>
```

```
</nav>
```

```
<div id="page-wrapper" >
```

```
<div id="page-inner">
```

```
<div class="row">
```

```
<div class="col-md-12">
```

```
<h1 class="page-header">
```

```
POOL RESERVATION <small></small>
```

```
</h1>
</div>
</div>
```

```
<div class="row">
```

```
<div class="col-md-6 col-sm-5">
  <div class="panel panel-primary">
    <div class="panel-heading">
      PERSONAL INFORMATION
    </div>
    <div class="panel-body">
```

```
      <form name="form" method="post">
        <div class="form-group">
          <label>First Name</label>
          <input name="firstname" id="cap1" onblur="mycapitalized()"
onkeyup="lettersonly(this)" class="form-control" required = "required" />
```

```
</div>
```

```
          <div class="form-group">
            <label>Last Name</label>
            <input name="lastname" id="cap3" onblur="mycapitalized()"
onkeyup="lettersonly(this)" class="form-control" required = "required" />
```

```
</div>
```

```
          <div class="form-group">
            <label>Email</label>
            <input name="email" type="email" class="form-control" required>
```

```
</div>
```

```
          <div class="form-group">
            <label>Contact No</label>
            <input name="phone" onkeyup="numberonly(this)" class="form-
control" required = "required" maxlength= "11" />
```

```

</div>
<div class="form-group">
  <label>Check-In</label>
  <input name="cin" type="date" class="form-control">

</div>
<div class="form-group">
  <label>Check-Out</label>
  <input name="cout" type="date" class="form-control">

</div>
<style>
.data{
display:none;
}
</style>

</div>
<div class="panel-body">

  <form method="POST" enctype="multipart/form-data">
  <div class="form-group">

    <h4>Secure Payment</h4><hr>

    <div class="form-group">
      <label>Payment Method</label>
      <select name="payment_type" class="form-control"
onchange="showDiv('hidden_div', this)" required >
        <option value selected >Chose Option</option>
        <option value="Cash">Cash</option>
        <option value="Gcash">Gcash</option>
      </select>
    </div>
    <div class="form-group">
      <label>If Gcash Send to this Number Your Payment:</label>

```



```
</div>
```

```
</div>
```

```
<center><input onclick="alert('I agree on Terms and Conditions of the Forest  
Garden Residence')" type="submit" name="submit" class="btn btn-success ">
```

```
<?php
```

```
if(isset($_POST['submit']))
```

```
{
```

```
    $check="SELECT *
```

```
FROM pool WHERE email = '$_POST[email]";
```

```
    $rs =
```

```
mysqli_query($con,$check);
```

```
    $data =
```

```
mysqli_fetch_array($rs, MYSQLI_NUM);
```

```
    if($data[0] > 1) {
```

```
        echo "<script
```

```
type='text/javascript'> alert('User Already in Exists')</script>";
```

```
    }
```

```
    else
```

```
    {
```

```
        $new
```

```
="Pending";
```

```
        $newUser="INSERT INTO `pool` (`FName`, `LName`, `Email`, `Phone`, `cin`,  
`cout`, `payment_type`, `referenceno`, `stat`, `nodays`) VALUES  
('$_POST[firstname]', $_POST[lastname]', $_POST[email]', $_POST[phone]', $_POST[cin]', $_PO  
ST[cout]', $_POST[payment_type]', $_POST[referenceno]', $new', datediff('$_POST[cout]', $_POS  
T[cin]'))";
```

```
        if
```

```
(mysqli_query($con,$newUser))
```

```

    {
        echo
"    <script type='text/javascript'> alert('Your Booking application has been sent')</script>";
        echo
"    <script type='text/javascript'> alert('Wait For Confirmation')</script>";

    }

    ?>
    <script type='text/javascript'>window.location.href='index.php';</script>
    <?php

    }
    else
    {
        echo
"    <script type='text/javascript'> alert('Error adding user in database')</script>";

    }
}

    $msg="Your code is correct";
    }

    ?>
</form>

    </div>
    </div>
    </div>
    </div>

    </div>
```

```
                </div>
            <!-- /. PAGE INNER -->
        </div>
    <!-- /. PAGE WRAPPER -->
</div>
<!-- /. WRAPPER -->
<!-- JS Scripts-->
<!-- jQuery Js -->
<script src="assets/js/jquery-1.10.2.js"></script>
    <!-- Bootstrap Js -->
<script src="assets/js/bootstrap.min.js"></script>
<!-- Metis Menu Js -->
<script src="assets/js/jquery.metisMenu.js"></script>
    <!-- Custom Js -->
<script src="assets/js/custom-scripts.js"></script>
<script>
function mycapitalized()
{
    var x = document.getElementById("cap1");
    x.value=x.value.toUpperCase();
    var y= document.getElementById("cap2");
    y.value=y.value.toUpperCase();
    var z= document.getElementById("cap3");
    z.value=z.value.toUpperCase();
    var m= document.getElementById("cap4");
    m.value=m.value.toUpperCase();
}
</script>

<script type="text/javascript">
    function lettersonly(input)
    {
        var letters = /^[^a-z]/gi;
        input.value = input.value.replace(letters,"");
    }
</script>
```

```

<script type="text/javascript">
    function numberonly(input)
    {
        var num = /^[^0-9]/gi;
        input.value = input.value.replace(num,"");
    }
</script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script>
    $(document).ready(function(){
        $("#chose").on('change', function(){
            $(".data").hide();
            $("##" + $(this).val()).fadeIn(700);
        }).change();
    });
</script>

<script >
    function showDiv(divId, element)
    {
        document.getElementById(divId).style.display = element.value == 'Gcash' ? 'block' : 'none';
    }
</script>

</body>
</html>

```

### **order.php**

```

<?php include("header.php"); ?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Forest Garden Residence</title>
    <!-- Bootstrap Styles-->
    <link href="../css/bootstraps.css" rel="stylesheet" />
    <!-- Custom Styles-->
    <link href="../css/custom-styles.css" rel="stylesheet" />
    <!-- Google Fonts-->

```

```

<link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet' type='text/css'
/>

<link href=" ../css/common.css" rel="stylesheet" />
<link rel="stylesheet" href=" ../fontawesome-free-5.13.0-web/css/all.css">

<!-- jQuery Js -->
<script src=" ../js/jquery-1.10.2.js"></script>
  <!-- Bootstrap Js -->
<script src=" ../js/bootstrap.min.js"></script>
<!-- Metis Menu Js -->
<script src=" ../js/jquery.metisMenu.js"></script>
  <!-- Custom Js -->
<script src=" ../js/custom-scripts.js"></script>
<!-- Bootstrap Styles-->
<link href=" ../css/bootstrap.css" rel="stylesheet" />
  <!-- Custom Styles-->
<link href=" ../css/custom-styles.css" rel="stylesheet" />
  <!-- Google Fonts-->
<link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet' type='text/css'
/>

<link href=" ../css/common.css" rel="stylesheet" />
<link rel="stylesheet" href=" ../fontawesome-free-5.13.0-web/css/all.css">

<!-- jQuery Js -->
<script src=" ../js/jquery-1.10.2.js"></script>
  <!-- Bootstrap Js -->
<script src=" ../js/bootstrap.min.js"></script>
<!-- Metis Menu Js -->
<script src=" ../js/jquery.metisMenu.js"></script>
  <!-- Custom Js -->
<script src=" ../js/custom-scripts.js"></script>
<link rel="stylesheet" href=" ../css/dataTables/css/jquery.dataTables.min.css">
<script type="text/javascript">
  $(document).ready(function(){
    //alert("ok");
  });
</script>

<!--==== CSS =====>
<link rel="stylesheet" href="assets/css/styles.css">

<!--==== Boxicons CSS =====>
<link href='https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css' rel='stylesheet'>

</head>
<body>

<?php include('nav.php'); ?>

<div class="container" class="card" style="width: 100rem;">
  <div class="panel-heading">
    <h1 class="page-header text-center">ORDER</h1>

```

```

<div class="row">
<div class="col-md-12">
    <select id="catList" class="btn btn-default">
    <option value="0">All Category</option>
    <?php
        $sql="select * FROM category";
        $catquery=$conn->query($sql);
        while($catrow=$catquery->fetch_array()){
            $catid = isset($_GET['category']) ? $_GET['category'] : 0;
            $selected = ($catid == $catrow['categoryid']) ? "
selected" : "";
            echo "<option$selected
value=" . $catrow['categoryid'] . ">" . $catrow['catname'] . "</option>";
        }
    ?>
    </select>

</div>
</div>
<form method="POST" action="purchase.php">
    <table class="table table-striped table-bordered">

        <thead>
            <th class="text-center"><input type="checkbox"
id="checkAll"></th>
            <th>Category</th>
            <th>Product Name</th>
            <th>Price</th>
            <th>Quantity</th>
            <th>View Food</th>
        </thead>
        <tbody>
            <?php
                $where = "";
                if(isset($_GET['category']))
                {
                    $catid=$_GET['category'];
                    $where = " WHERE product.categoryid =
$catid";
                }
                $sql="select * from product left join category on
category.categoryid=product.categoryid $where order by product.categoryid asc, productname
asc";

                $query=$conn->query($sql);
                $iterate=0;
                while($row=$query->fetch_array()){
                    ?>
                    <tr>

                                <td class="text-center"><input
type="checkbox" value="<?php echo $row['productid']; ?>||<?php echo $iterate; ?>"
name="productid[]" style=""></td>

                                <td><?php echo $row['catname'];

?></td>

```

```

?></td>
?></td>
echo number_format($row['price'], 2); ?></td>
onkeyup="numberonly(this)" class="form-control" name="quantity_<?php echo $iterate;
?>"></td>
if(empty($row['photo']))){echo "upload/noimage.jpg";} else{echo $row['photo']; ?>}"
height="40px" width="50px" ></a></td>
?>
}
$iterate++;
?>
</tbody>
</table>
<div class="row">
<div class="col-md-15 col-sm-15">
<div class="panel panel-primary">
<div class="panel-heading">
RESERVATION TERMS AND CONDITIONS
</div>
<div class="panel-body">
<div class="panel-body">
<form method = "POST" enctype = "multipart/form-data">
<div class = "form-group">
<div class="col-md-7">
<label>Customer Name</label>
<input type="text" i onkeyup="letteronly(this)" name="customer"
class="form-control" placeholder="Customer Name" required>
</div>
<style>
.data{
display:none;
}
</style>
<div class="col-md-7" >
<label>Payment Method</label>
<select name="payment_type" class="form-control"
onchange="showDiv('hidden_div', this)" required >
<option value selected >Chose Option</option>
<option value="Cash">Cash</option>
<option value="Gcash">Gcash</option>
</select>
</div>
<div class="form-group">
<label>If Gcash Send to this Number Your Payment:</label>
<li>+63 961 203 5710</li>
</div>
<div id="hidden_div" class="data" class="form-group">

```

```

<label>Enter Reference No.</label>
<input name="referenceno" onkeyup="numberonly(this)" maxlength=
"13" />
</div>

<div class="col-md-7" >
<label>Type of Order</label>
<select name="order_type" class="form-control" required >
<option value selected >Chose Option</option>
<option value="Dine In">Dine in</option>
<option value="COD">Cash on Delivery</option>
</select>
<br>
</div>
</div>
</div>
</div>
</div>
<div class="col-md-7" >
<button type="submit" class="btn btn-primary"><span class="glyphicon
glyphicon-floppy-disk"></span> Save</button>

<br><br><br>
</div>

</div>
</div>

</div>
</form>
</div>

<script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script>
$(document).ready(function(){
    $("#chose").on('change', function(){
        $(".data").hide();
        $("#" + $(this).val()).fadeIn(700);
    }).change();
});
</script>

<script type="text/javascript">
$(document).ready(function(){
    $("#checkAll").click(function(){
    $('input:checkbox').not(this).prop('checked', this.checked);
    });
});

```

```

    });
</script>
</body>
</html>

<script type="text/javascript">
    function numberonly(input)
    {
        var num = /^[^0-9]/gi;
        input.value = input.value.replace(num, "");
    }
</script>

<script type="text/javascript">
    function letteronly(input)
    {
        var letter = /^[^a-z]/gi;
        input.value = input.value.replace(letter, "");
    }
</script>
<script >
    function showDiv(divId, element)
    {
        document.getElementById(divId).style.display = element.value == 'Gcash' ? 'block' : 'none';
    }
</script>
<?php include('modal.php'); ?>
<script type="text/javascript">
    $(document).ready(function(){
        $("#catList").on('change', function(){
            if($(this).val() == 0)
            {
                window.location = 'order.php';
            }
            else
            {
                window.location = 'order.php?category='+$(this).val();
            }
        });
    });
</script>
</body>
</html>

```

## Admin

### reserve.php (room)

```

<?php
    require_once 'validate.php';
    require 'name.php';
?>

```

```

<!DOCTYPE html>

```

```

<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>FGR ADMINISTRATOR</title>
  <!-- Bootstrap Styles-->
  <link href="../css/bootstraps.css" rel="stylesheet" />
  <!-- Custom Styles-->
  <link href="../css/custom-styles.css" rel="stylesheet" />
  <!-- Google Fonts-->
  <link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet' type='text/css'
/>

  <link href="../css/common.css" rel="stylesheet" />

<link href="assets/css/bootstrap.css" rel="stylesheet" />
<!-- FontAwesome Styles-->
<link href="assets/css/font-awesome.css" rel="stylesheet" />
<!-- Morris Chart Styles-->
<link href="assets/js/morris/morris-0.4.3.min.css" rel="stylesheet" />

  <!-- jQuery Js -->
  <script src="../js/jquery-1.10.2.js"></script>
  <!-- Bootstrap Js -->
  <script src="../js/bootstrap.min.js"></script>
  <!-- Metis Menu Js -->
  <script src="../js/jquery.metisMenu.js"></script>
  <!-- Custom Js -->
  <script src="../js/custom-scripts.js"></script>
  <!-- Bootstrap Styles-->
  <link href="../css/bootstraps.css" rel="stylesheet" />
  <!-- Custom Styles-->
  <link href="../css/custom-styles.css" rel="stylesheet" />

  <link href="../css/common.css" rel="stylesheet" />

<link rel="stylesheet" href="../css/dataTables/css/jquery.dataTables.min.css">
<script type="text/javascript">
  $(document).ready(function(){
    //alert("ok");
  });
</script>

  <!--===== CSS ===== -->
  <link rel="stylesheet" href="assets/css/styles.css">

  <!--===== Boxicons CSS =====>
  <link href='https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css' rel='stylesheet'>

</head>
<body>

<div id="wrapper">
  <nav class="navbar navbar-default top-navbar" role="navigation">
    <div class="navbar-header">

```

```

        <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target=".sidebar-collapse">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
    </button>
    <a class="navbar-brand" href="reserve.php"> <?php echo $name;?> </a>
</div>

<ul class="nav navbar-top-links navbar-right">
    <li class="dropdown">
        <a class="dropdown-toggle" data-toggle="dropdown" href="#" aria-
expanded="false">
            <i class="fa fa-user fa-fw"></i> <i class="fa fa-caret-down"></i>
        </a>
        <ul class="dropdown-menu dropdown-user">
            <li><a href="account.php"><i class="fa fa-user"></i> User Account</a>
            <li><a href="logout.php"><i class="fa fa-sign-out-alt"></i> Logout</a>
            </li>
        </ul>
        <!-- /.dropdown-user -->
    </li>
    <!-- /.dropdown -->
</ul>
</nav>

</nav>
<!--/. NAV TOP -->
<nav class="navbar-default navbar-side" role="navigation">
<div class="sidebar-collapse">
    <ul class="nav" id="main-menu">

        <li>
            <a class="active-menu" href="reserve.php"><i class = "fa fa-bed"></i> Room
Status</a>
        </li>

        <li>
            <a href="poolstatus.php"><i class="fa fa-tint"></i> Pool Status</a>
        </li>
        <li>
            <a href="#"><i class="fa fa-cart-plus"></i> Order and Food Product</a>
            <ul class="nav" id="main-menu">
                <li>
                    <a href="./product.php"> Product</a>
                </li>
            </ul>
            <ul class="nav" id="main-menu">
                <li>
                    <a href="./Category.php"> Category</a>
                </li>
            </ul>
            <ul class="nav" id="main-menu">
                <li>
                    <a href="FoodReserve.php"> Food Order</a>

```

```
        </li>
    </ul>
</li>
    <a href="room.php"><i class="fa fa-building"></i> Room</a>
</li>

    <li>
    <a href="payments.php"><i class="fa fa-credit-card"></i> Payments</a>
</li>

</li>
    <a href="#"><i class="fa fa-qrcode"></i>Reports</a>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Room Daily Income</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="monthly.php"> Room Monthly Income</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="yearly.php"> Room Yearly Income</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Restaurant Daily Income</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="#.php"> Restaurant Monthly Income</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="#.php"> Restaurant Yearly Incom</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Best Seller Menus</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Reserved Pool & Jacuzzi</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Most Used Amenities</a>
        </li>
    </ul>
```

```

        </ul>
    </li>

    <li>
        <a href="logout.php" ><i class = "fa fa-sign-in-alt"></i> Logout</a>
    </li>
</ul>
</div>
</nav>

<div id="page-wrapper">
    <div id="page-inner">

        <div class="row">
            <div class="col-md-12">
                <h1 class="page-header">
                    Status <small>Room Reservation </small>
                </h1>
            </div>
        </div>
        <!-- /. ROW -->

        <div class = "container-fluid">
            <div class = "panel panel-default">
                <?php
                    $q_p = $con->query("SELECT COUNT(*) as total FROM `transaction` WHERE
`status` = 'Pending'") or die(mysqli_error());
                    $f_p = $q_p->fetch_array();
                    $q_ci = $con->query("SELECT COUNT(*) as total FROM `transaction` WHERE
`status` = 'Check In'") or die(mysqli_error());
                    $f_ci = $q_ci->fetch_array();
                ?>
                <div class = "panel-body">
                    <a class = "btn btn-success disabled"><span class = "badge"><?php echo
$f_p['total']?></span> Pending</a>
                    <a class = "btn btn-info" href = "checkin.php"><span class = "badge"><?php
echo $f_ci['total']?></span> Check In</a>
                    <a class = "btn btn-warning" href = "checkout.php"><i class = "fa fa-check-
circle"></i> Check Out</a>
                    <br />
                    <br />
                    <table id = "table" class = "table table-bordered">
                        <thead>
                            <tr>
                                <th>Name</th>
                                <th>Room Type</th>
                                <th>Check In</th>
                                <th>Check Out</th>
                                <th>Payment Type</th>
                                <th>Reference No.</th>
                                <th>Total Price</th>
                                <th>Status</th>
                                <th>Action</th>
                            </tr>

```

```

</thead>
<tbody>
  <?php
    $query = $con->query("SELECT * FROM `transaction` NATURAL JOIN
`guest` NATURAL JOIN `room` WHERE `status` = 'Pending' ") or die(mysqli_error());
    while($fetch = $query->fetch_array()){
      ?>
      <tr>
        <td><?php echo $fetch['firstname']. " ".$fetch['lastname']?></td>
        <td><?php echo $fetch['room_type']?></td>
        <td><?php echo $fetch['checkin']?></td>
        <td><?php echo $fetch['checkout']?></td>
        <td><?php echo $fetch['payment_type']?></td>
        <td><?php echo $fetch['referenceno']?></td>
        <td><?php echo $fetch['bill']?></td>
        <td><?php echo $fetch['status']?></td>
        <td><center>
          <a class = "btn btn-success" href =
"save_form.php?transaction_id=<?php echo $fetch['transaction_id']?>"><i class = "fa fa-upload">
          </i> Check In</a>
          <a class = "btn btn-danger" onclick = "confirmationDelete(); return
false;" href = "delete_pending.php?transaction_id=<?php echo $fetch['transaction_id']?>"><i
class = "fa fa-trash">
          </i> Discard</a>
        </td>
      </tr>
    <?php
    }
  ?>
</tbody>
</table>

</tbody>
<?php

$fsql = "SELECT * FROM `contacts`";
$fre = mysqli_query($con,$fsql);
$f =0;
while($row=mysqli_fetch_array($fre) )
{
    $f = $f + 1;

}

?>
</div>
</div>
</div>
</div>
</body>
<!-- Script Source Files -->

```

```

<script src="assets/js/jquery-1.10.2.js"></script>
  <!-- Bootstrap Js -->
  <script src="assets/js/bootstrap.min.js"></script>
  <!-- Metis Menu Js -->
  <script src="assets/js/jquery.metisMenu.js"></script>
  <!-- Morris Chart Js -->
  <script src="assets/js/morris/raphael-2.1.0.min.js"></script>
  <script src="assets/js/morris/morris.js"></script>
  <!-- Custom Js -->
  <script src="assets/js/custom-scripts.js"></script>

<script type="text/javascript" src="js/jquery-3.4.1.min.js"></script>
<script src="../js/jquery-3.4.1.min.js"></script>
<script src="../bootstrap-4.4.1-dist/js/bootstrap.min.js"></script>
<script src="../fontawesome-free-5.13.0-web/js/all.js"></script>
<script src="../css/dataTables/js/jquery.dataTables.min.js"></script>
<!-- End Script Source Files -->
<script type = "text/javascript">
  $(document).ready(function(){
    $("#table").DataTable();
  });
</script>
<script type = "text/javascript">
  function confirmationDelete(anchor){
    var conf = confirm("Are you sure you want to delete this record?");
    if(conf){
      window.location = anchor.attr("href");
    }
  }
</script>

<script>
Morris.Bar({
  element : 'chart',
  data:[<?php echo $chart_data; ?>],
  xkey:'date',
  ykeys:['profit'],
  labels:['Profit'],
  hideHover:'auto',
  stacked:true
});
</script>
<script>
const optionMenu = document.querySelector(".select-menu"),
  selectBtn = optionMenu.querySelector(".select-btn"),
  options = optionMenu.querySelectorAll(".option"),
  sBtn_text = optionMenu.querySelector(".sBtn-text");

selectBtn.addEventListener("click", () => optionMenu.classList.toggle("active"));

options.forEach(option =>{
  option.addEventListener("click", ()=>{
    let selectedOption = option.querySelector(".option-text").innerText;
    sBtn_text.innerText = selectedOption;

    optionMenu.classList.remove("active");
  });
});

```

```
});
});
</script>

</html>
```

### poolstatus.php

```
<?php
    require_once 'validate.php';
    require 'name.php';
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>FGR ADMINISTRATOR</title>
    <!-- Bootstrap Styles-->
    <link href="../css/bootstraps.css" rel="stylesheet" />
    <!-- Custom Styles-->
    <link href="../css/custom-styles.css" rel="stylesheet" />
    <!-- Google Fonts-->
    <link href="http://fonts.googleapis.com/css?family=Open+Sans" rel="stylesheet" type="text/css" />

    <link href="../css/common.css" rel="stylesheet" />

<link href="assets/css/bootstrap.css" rel="stylesheet" />
<!-- FontAwesome Styles-->
<link href="assets/css/font-awesome.css" rel="stylesheet" />
<!-- Morris Chart Styles-->
<link href="assets/js/morris/morris-0.4.3.min.css" rel="stylesheet" />

    <!-- jQuery Js -->
    <script src="../js/jquery-1.10.2.js"></script>
    <!-- Bootstrap Js -->
    <script src="../js/bootstrap.min.js"></script>
    <!-- Metis Menu Js -->
    <script src="../js/jquery.metisMenu.js"></script>
    <!-- Custom Js -->
    <script src="../js/custom-scripts.js"></script>
    <!-- Bootstrap Styles-->
    <link href="../css/bootstraps.css" rel="stylesheet" />
    <!-- Custom Styles-->
    <link href="../css/custom-styles.css" rel="stylesheet" />

    <link href="../css/common.css" rel="stylesheet" />

<link rel="stylesheet" href="../css/dataTables/css/jquery.dataTables.min.css">
<script type="text/javascript">
    $(document).ready(function(){
        //alert("ok");
    });
</script>
```

```

    });
</script>

<!--===== CSS ===== -->
<link rel="stylesheet" href="assets/css/styles.css">

<!--===== Boxicons CSS =====>
<link href='https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css' rel='stylesheet'>

</head>
<body>

<div id="wrapper">
  <nav class="navbar navbar-default top-navbar" role="navigation">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target=".sidebar-collapse">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a class="navbar-brand" href="reserve.php"> <?php echo $name;?> </a>
    </div>

    <ul class="nav navbar-top-links navbar-right">
      <li class="dropdown">
        <a class="dropdown-toggle" data-toggle="dropdown" href="#" aria-
expanded="false">
          <i class="fa fa-user fa-fw"></i> <i class="fa fa-caret-down"></i>
        </a>
        <ul class="dropdown-menu dropdown-user">
          <li><a href="account.php"><i class="fa fa-user"></i> User Account</a>
          <li><a href="logout.php"><i class="fa fa-sign-out-alt"></i> Logout</a>
          </li>
        </ul>
      <!-- /.dropdown-user -->
    </li>
  </ul>
</nav>

</nav>
<!--/. NAV TOP -->
  <nav class="navbar-default navbar-side" role="navigation">
    <div class="sidebar-collapse">
      <ul class="nav" id="main-menu">

        <li>
          <a href="reserve.php"><i class="fa fa-bed"></i> Room Status</a>
        </li>

        <li>
          <a class="active-menu" href="poolstatus.php"><i class="fa fa-tint"></i> Pool
Status</a>

```

```

</li>
  <li>
    <a href="#"><i class="fa fa-cart-plus"></i> Order and Food Product</a>
    <ul class="nav" id="main-menu">
      <li>
        <a href="../product.php"> Product</a>
      </li>
    </ul>
  </li>
  <ul class="nav" id="main-menu">
    <li>
      <a href="../Category.php"> Category</a>
    </li>
  </ul>
  <ul class="nav" id="main-menu">
    <li>
      <a href="FoodReserve.php"> Food Order</a>
    </li>
  </ul>
</li>
  <li>
    <a href="room.php"><i class="fa fa-building"></i> Room</a>
  </li>

  <li>
    <a href="payments.php"><i class="fa fa-credit-card"></i> Payments</a>
  </li>

</li>
  <a href="#"><i class="fa fa-qrcode"></i>Reports</a>
  <ul class="nav" id="main-menu">
    <li>
      <a href="profit.php"> Room Daily Income</a>
    </li>
  </ul>
  <ul class="nav" id="main-menu">
    <li>
      <a href="monthly.php"> Room Monthly Income</a>
    </li>
  </ul>
  <ul class="nav" id="main-menu">
    <li>
      <a href="yearly.php"> Room Yearly Income</a>
    </li>
  </ul>
  <ul class="nav" id="main-menu">
    <li>
      <a href="profit.php"> Restaurant Daily Income</a>
    </li>
  </ul>
  <ul class="nav" id="main-menu">
    <li>
      <a href="#.php"> Restaurant Monthly Income</a>
    </li>
  </ul>
  <ul class="nav" id="main-menu">
    <li>
      <a href="#.php"> Restaurant Yearly Incom</a>
    </li>
  </ul>

```

```

        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Best Seller Menus</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Reserved Pool & Jacuzzi</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Most Used Amenities</a>
        </li>
    </ul>
</li>

<li>
    <a href="logout.php" ><i class = "fa fa-sign-in-alt"></i> Logout</a>
</li>
</ul>
</div>
</nav>

<div id="page-wrapper">
    <div id="page-inner">

        <div class="row">
            <div class="col-md-12">
                <h1 class="page-header">
                    Status <small>Pool Reservation </small>
                </h1>
            </div>
        </div>
        <!-- /. ROW -->

        <div class = "container-fluid">
            <div class = "panel panel-default">
                <?php
                    $q_p = $con->query("SELECT * FROM `pool` WHERE `stat` = 'Pending'") or
die(mysqli_error());
                    $f_p = $q_p->fetch_array();
                    $q_ci = $con->query("SELECT * FROM `pool` WHERE `stat` = 'Check In'") or
die(mysqli_error());
                    $f_ci = $q_ci->fetch_array();
                ?>
                <div class = "panel-body">
                    <a class = "btn btn-success disabled"><span class = "badge"></span>
Pendings</a>
                    <a class = "btn btn-info" href = "checkiin.php"><span class = "badge"></span>
Check In</a>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

        <a class = "btn btn-warning" href = "checkout.php"><i class = "fa fa-check-
circle"></i> Check Out</a>
    <br />
    <br />
    <table id = "table" class = "table table-bordered">
        <thead>
            <tr>
                <th>#</th>
                <th>Name</th>
                <th>Email</th>
                <th>Contact No</th>
                <th>Check In</th>
                <th>Check Out</th>
                <th>Payment Type</th>
                <th>Reference</th>
                <th>Status</th>
                <th>Action</th>
            </tr>
        </thead>
        <tbody>
            <?php
                $query = $con->query("SELECT * FROM `pool` WHERE `stat` =
'Pending' ") or die(mysql_error());
                while($fetch = $query->fetch_array()){
                    ?>
                    <tr>
                        <td><?php echo $fetch['id']?></td>
                        <td><?php echo $fetch['FName']." ".$fetch['LName']?></td>
                        <td><?php echo $fetch['Email']?></td>
                        <td><?php echo $fetch['Phone']?></td>
                        <td><?php echo $fetch['cin']?></td>
                        <td><?php echo $fetch['cout']?></td>
                        <td><?php echo $fetch['payment_type']?></td>
                        <td><?php echo $fetch['referenceno']?></td>
                        <td><?php echo $fetch['stat']?></td>
                        <td><center>
                            <a class = "btn btn-success" href = "save_fform.php?id=<?php echo
$fetch['id']?>"><i class = "fa fa-upload">
                                </i> Check In</a>
                            <a class = "btn btn-danger" onclick = "confirmationDelete(); return
false;" href = "delete_ppending.php?id=<?php echo $fetch['id']?>"><i class = "fa fa-trash">
                                </i> Discard</a>
                        </td>
                    </tr>
                <?php
                }
            ?>
        </tbody>
    </table>

    </tbody>
    <?php

    $fsql = "SELECT * FROM `contacts`";

```



```

options.forEach(option =>{
  option.addEventListener("click", ()=>{
    let selectedOption = option.querySelector(".option-text").innerText;
    sBtn_text.innerText = selectedOption;

    optionMenu.classList.remove("active");
  });
});
</script>

</html>

```

## Foodreserve.php

```

<?php
  require_once 'validate.php';
  require 'name.php';
?>

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>FGR ADMINISTRATOR</title>
  <!-- Bootstrap Styles-->
  <link href="../css/bootstraps.css" rel="stylesheet" />
  <!-- Custom Styles-->
  <link href="../css/custom-styles.css" rel="stylesheet" />
  <!-- Google Fonts-->
  <link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet' type='text/css'
/>

  <link href="../css/common.css" rel="stylesheet" />

<link href="assets/css/bootstrap.css" rel="stylesheet" />
<!-- FontAwesome Styles-->
<link href="assets/css/font-awesome.css" rel="stylesheet" />
<!-- Morris Chart Styles-->
<link href="assets/js/morris/morris-0.4.3.min.css" rel="stylesheet" />

  <!-- jQuery Js -->
  <script src="../js/jquery-1.10.2.js"></script>
  <!-- Bootstrap Js -->
  <script src="../js/bootstrap.min.js"></script>
  <!-- Metis Menu Js -->
  <script src="../js/jquery.metisMenu.js"></script>
  <!-- Custom Js -->
  <script src="../js/custom-scripts.js"></script>
  <!-- Bootstrap Styles-->
  <link href="../css/bootstraps.css" rel="stylesheet" />
  <!-- Custom Styles-->
  <link href="../css/custom-styles.css" rel="stylesheet" />

  <link href="../css/common.css" rel="stylesheet" />

```

```

<link rel="stylesheet" href="../css/dataTables/css/jquery.dataTables.min.css">
<script type="text/javascript">
    $(document).ready(function(){
        //alert("ok");
    });
</script>

<!--===== CSS ===== -->
<link rel="stylesheet" href="assets/css/styles.css">

<!--===== Boxicons CSS =====>
<link href='https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css' rel='stylesheet'>

</head>
<body>

<div id="wrapper">
    <nav class="navbar navbar-default top-navbar" role="navigation">
        <div class="navbar-header">
            <button type="button" class="navbar-toggle" data-toggle="collapse" data-
target=".sidebar-collapse">
                <span class="sr-only">Toggle navigation</span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
            <a class="navbar-brand" href="reserve.php"> <?php echo $name;?> </a>
        </div>

        <ul class="nav navbar-top-links navbar-right">
            <li class="dropdown">
                <a class="dropdown-toggle" data-toggle="dropdown" href="#" aria-
expanded="false">
                    <i class="fa fa-user fa-fw"></i> <i class="fa fa-caret-down"></i>
                </a>
                <ul class="dropdown-menu dropdown-user">
                    <li><a href="account.php"><i class="fa fa-user"></i> User Account</a>
                    <li><a href="logout.php"><i class="fa fa-sign-out-alt"></i> Logout</a>
                    </li>
                </ul>
            <!-- /.dropdown-user -->
        </li>
        <!-- /.dropdown -->
    </ul>
</nav>

<nav class="navbar-default navbar-side" role="navigation">
<div class="sidebar-collapse">
    <ul class="nav" id="main-menu">

        <li>
            <a href="reserve.php"><i class="fa fa-bed"></i> Room Status</a>
        </li>

```

```

        <li>
            <a href="poolstatus.php"><i class="fa fa-tint"></i> Pool Status</a>
        </li>
        <li>
            <a href="#"><i class="fa fa-cart-plus"></i> Order and Food Product</a>
            <ul class="nav" id="main-menu">
                <li>
                    <a href=" ../product.php"> Product</a>
                </li>
            </ul>
            <ul class="nav" id="main-menu">
                <li>
                    <a href=" ../category.php"> Category</a>
                </li>
            </ul>
            <ul class="nav" id="main-menu">
                <li>
                    <a class="active-menu" href="FoodReserve.php"> Food Order</a>
                </li>
            </ul>
        <li>
            <a href="room.php"><i class="fa fa-building"></i> Room</a>
        </li>

        <li>
            <a href="payments.php"><i class="fa fa-credit-card"></i> Payments</a>
        </li>
    </li>
    <li>
        <a href="#"><i class="fa fa-qrcode"></i>Reports</a>
        <ul class="nav" id="main-menu">
            <li>
                <a href="profit.php"> Room Daily Income</a>
            </li>
        </ul>
        <ul class="nav" id="main-menu">
            <li>
                <a href="profit.php"> Room Monthly Income</a>
            </li>
        </ul>
        <ul class="nav" id="main-menu">
            <li>
                <a href="profit.php"> Room Yearly Income</a>
            </li>
        </ul>
        <ul class="nav" id="main-menu">
            <li>
                <a href="profit.php"> Restaurant Daily Income</a>
            </li>
        </ul>
        <ul class="nav" id="main-menu">
            <li>
                <a href="profit.php"> Restaurant Monthly Income</a>
            </li>
        </ul>
        <ul class="nav" id="main-menu">

```

```

        <li>
            <a href="profit.php"> Restaurant Yearly Incom</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Best Seller Menus</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Reserved Pool & Jacuzzi</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Most Used Amenities</a>
        </li>
    </ul>
</li>

<li>
    <a href="logout.php" ><i class = "fa fa-sign-in-alt"></i> Logout</a>
</li>
</ul>
</div>
</nav>

<div id="page-wrapper">
    <div id="page-inner">

        <div class="row">
            <div class="col-md-12">
                <h1 class="page-header">
                    Status <small>Food Order </small>
                </h1>
            </div>
        </div>
        <!-- /. ROW -->

        <div class = "container-fluid">
            <div class = "panel panel-default">
                <?php
                    $q_p = $con->query("SELECT COUNT(*) as total FROM `purchase` WHERE
`status` = 'Pending'") or die(mysqli_error());
                    $f_p = $q_p->fetch_array();
                    $q_ci = $con->query("SELECT COUNT(*) as total FROM `purchase` WHERE
`status` = 'Check In'") or die(mysqli_error());
                    $f_ci = $q_ci->fetch_array();
                ?>
                <div class = "panel-body">
                    <a class = "btn btn-success disabled"><span class = "badge"></span>
Pendings</a>

```

```

        <a class = "btn btn-info" href = "checkiin.php"><span class = "badge"></span>
Order Recieve</a>
        <a class = "btn btn-warning" href = "checkooout.php"><i class = "fa fa-check-
circle"></i> Order Paid</a>
        <br />
        <br />
        <table id = "table" class = "table table-bordered">
        <thead>
        <tr>
        <th>#</th>
        <th>Customer</th>
        <th>Payment Type</th>
        <th>Reference</th>
        <th>Total</th>
        <th>Date Purchase</th>
        <th>Status</th>
        <th>Action</th>
        </tr>
        </thead>
        <tbody>
        <?php
        $query = $con->query("SELECT * FROM `purchase` WHERE `status` =
'Pending' ") or die(mysql_error());
        while($fetch = $query->fetch_array()){
        ?>
        <tr>
        <td><?php echo $fetch['purchaseid']?></td>
        <td><?php echo $fetch['customer']?></td>
        <td><?php echo $fetch['payment_type']?></td>
        <td><?php echo $fetch['referenceno']?></td>
        <td><?php echo $fetch['total']?></td>
        <td><?php echo $fetch['date_purchase']?></td>
        <td><?php echo $fetch['status']?></td>
        <td><center>
        <a class = "btn btn-success" href =
"save_fform.php?purchaseid=<?php echo $fetch['purchaseid']?>"><i class = "fa fa-upload">
</i> Accept</a>
        <a class = "btn btn-danger" onclick = "confirmationDelete(); return
false;" href = "delete_ppending.php?purchaseid=<?php echo $fetch['purchaseid']?>"><i class =
"fa fa-trash">
        </i> Discard</a>
        </td>
        </tr>
        <?php
        }
        ?>
        </tbody>
</table>

        </tbody>
        <?php

        $fsql = "SELECT * FROM `contacts`";
        $fre = mysqli_query($con,$fsql);

```



```

option.addEventListener("click", ()=>{
    let selectedOption = option.querySelector(".option-text").innerText;
    sBtn_text.innerText = selectedOption;

    optionMenu.classList.remove("active");
});
});
</script>

</html>

```

### println.php (receipt)

```

<?php
require 'db.php';
?>
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Invoice</title>
    <link rel="stylesheet" href="style.css">
    <link rel="license" href="https://www.opensource.org/licenses/mit-license/">
    <script src="script.js"></script>
    <style>
      /* reset */

      *
      {
        border: 0;
        box-sizing: content-box;
        color: inherit;
        font-family: inherit;
        font-size: inherit;
        font-style: inherit;
        font-weight: inherit;
        line-height: inherit;
        list-style: none;
        margin: 0;
        padding: 0;
        text-decoration: none;
        vertical-align: top;
      }

      /* content editable */

      *[contenteditable] { border-radius: 0.25em; min-width: 1em; outline: 0; }

      *[contenteditable] { cursor: pointer; }

      *[contenteditable]:hover, *[contenteditable]:focus, td:hover *[contenteditable], td:focus
      *[contenteditable], img.hover { background: #DEF; box-shadow: 0 0 1em 0.5em #DEF; }

      span[contenteditable] { display: inline-block; }

```

```

/* heading */

h1 { font: bold 100% sans-serif; letter-spacing: 0.5em; text-align: center; text-transform:
uppercase; }

/* table */

table { font-size: 75%; table-layout: fixed; width: 100%; }
table { border-collapse: separate; border-spacing: 2px; }
th, td { border-width: 1px; padding: 0.5em; position: relative; text-align: left; }
th, td { border-radius: 0.25em; border-style: solid; }
th { background: #EEE; border-color: #BBB; }
td { border-color: #DDD; }

/* page */

html { font: 16px/1 'Open Sans', sans-serif; overflow: auto; padding: 0.5in; }
html { background: #999; cursor: default; }

body { box-sizing: border-box; height: 11in; margin: 0 auto; overflow: hidden; padding: 0.5in;
width: 8.5in; }
body { background: #FFF; border-radius: 1px; box-shadow: 0 0 1in -0.25in rgba(0, 0, 0, 0.5); }

/* header */

header { margin: 0 0 3em; }
header:after { clear: both; content: ""; display: table; }

header h1 { background: #000; border-radius: 0.25em; color: #FFF; margin: 0 0 1em; padding:
0.5em 0; }
header address { float: left; font-size: 75%; font-style: normal; line-height: 1.25; margin: 0 1em
1em 0; }
header address p { margin: 0 0 0.25em; }
header span, header img { display: block; float: right; }
header span { margin: 0 0 1em 1em; max-height: 25%; max-width: 60%; position: relative; }
header img { max-height: 100%; max-width: 100%; }
header input { cursor: pointer; -ms-filter:"progid:DXImageTransform.Microsoft.Alpha(Opacity=0)";
height: 100%; left: 0; opacity: 0; position: absolute; top: 0; width: 100%; }

/* article */

article, article address, table.meta, table.inventory { margin: 0 0 3em; }
article:after { clear: both; content: ""; display: table; }
article h1 { clip: rect(0 0 0 0); position: absolute; }

article address { float: left; font-size: 125%; font-weight: bold; }

/* table meta & balance */

table.meta, table.balance { float: right; width: 36%; }
table.meta:after, table.balance:after { clear: both; content: ""; display: table; }

/* table meta */

table.meta th { width: 40%; }

```

```

table.meta td { width: 60%; }

/* table items */

table.inventory { clear: both; width: 100%; }
table.inventory th { font-weight: bold; text-align: center; }

table.inventory td:nth-child(1) { width: 26%; }
table.inventory td:nth-child(2) { width: 38%; }
table.inventory td:nth-child(3) { text-align: right; width: 12%; }
table.inventory td:nth-child(4) { text-align: right; width: 12%; }
table.inventory td:nth-child(5) { text-align: right; width: 12%; }

/* table balance */

table.balance th, table.balance td { width: 50%; }
table.balance td { text-align: right; }

/* aside */

aside h1 { border: none; border-width: 0 0 1px; margin: 0 0 1em; }
aside h1 { border-color: #999; border-bottom-style: solid; }

/* javascript */

.add, .cut
{
    border-width: 1px;
    display: block;
    font-size: .8rem;
    padding: 0.25em 0.5em;
    float: left;
    text-align: center;
    width: 0.6em;
}

.add, .cut
{
    background: #9AF;
    box-shadow: 0 1px 2px rgba(0,0,0,0.2);
    background-image: -moz-linear-gradient(#00ADEE 5%, #0078A5 100%);
    background-image: -webkit-linear-gradient(#00ADEE 5%, #0078A5 100%);
    border-radius: 0.5em;
    border-color: #0076A3;
    color: #FFF;
    cursor: pointer;
    font-weight: bold;
    text-shadow: 0 -1px 2px rgba(0,0,0,0.333);
}

.add { margin: -2.5em 0 0; }

.add:hover { background: #00ADEE; }

.cut { opacity: 0; position: absolute; top: 0; left: -1.5em; }
.cut { -webkit-transition: opacity 100ms ease-in; }

```

```
tr:hover .cut { opacity: 1; }
```

```
@media print {  
  * { -webkit-print-color-adjust: exact; }  
  html { background: none; padding: 0; }  
  body { box-shadow: none; margin: 0; }  
  span:empty { display: none; }  
  .add, .cut { display: none; }  
}
```

```
@page { margin: 0; }  
</style>
```

```
</head>  
<body>
```

```
<?php  
ob_start();  
include ('db.php');  
  
$pid = $_GET['pid'];
```

```
$sql = $sql="SELECT * FROM `transaction` NATURAL JOIN `guest` Where transaction_id =  
'$pid'";
```

```
$re = mysqli_query($con,$sql);  
while($row=mysqli_fetch_array($re))  
{  
  $transaction_id = $row['transaction_id'];  
  
  $firstname = $row['firstname'];  
  $lastname = $row['lastname'];  
  $room_id = $row['room_id'];  
  $checkin = $row['checkin'];  
  $checkout = $row['checkout'];  
  $days = $row['days'];  
  $payment_type = $row['payment_type'];  
  $referenceno = $row['referenceno'];  
  $bill = $row['bill'];
```

```
}
```

```
?>
```

```
<header>  
<h1>Forest Garden Residence </h1>
```

```

<address >
  <label><p>Forest Garden Residence,<br>
  6317 | Quezon, Bilar, Bohol | Philippines<br>
  +63 961 203 5710</label>
</address>
<span></span>
</header></center>
<article>
  <h1>Recipient</h1>
  <address >
    <p><?php echo $firstname." ".$lastname?> <br></p>
  </address>
  <table class="meta">
    <tr>
      <th><span >Invoice #</span></th>
      <td><span ><?php echo $transaction_id; ?></span></td>
    </tr>
    <tr>
      <th><span >Date</span></th>
      <td><span ><?php echo $checkout; ?> </span></td>
    </tr>
  </table>
  <table class="inventory">
    <thead>
      <tr>
        <th><span >No of Days</span></th>
        <th><span >Price</span></th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td><span ><?php echo $days; ?> </span></td>
        <td><span data-prefix>₱</span><span><?php echo $bill; ?></span></td>
      </tr>
    </tbody>
  </table>
  <table class="balance">
    <tr>
      <th><span >Total</span></th>
      <td><span data-prefix>₱</span><span><?php echo $bill; ?></span></td>
    </tr>
  </table>
</article>
  <h1><span >MRS. JOANN CY</span></h1>
  <center><h2><span >INCHARGE</span></h2></center>
<br>
<br>

```

```

    <br>
    <br>
    <aside>
      <h1><span >Contact us</span></h1>
      <div >
        <p align="center">Email Account:tonycomyn@yahoo.com </p>
      </div>
    </aside>
    <aside>

      <div >
        <p align="center">FB Page :Forest-Garden-Residence </p>
      </div>
    </aside>
    <aside>

      <div >
        <p align="center">Phone :+63 961 203 5710 </p>
      </div>
    </aside>
  </body>
</html>
<?php
?>
<?php

ob_end_flush();

?>

      </tr>

      <center>

      </tbody>
    </table>

    </div>
  </div>
</body>
</html>

```

### profit.php (daily income-graph)

```

<?php
  require_once 'validate.php';
  require 'name.php';
?>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />

```

```

<title>FGR ADMINISTRATOR</title>
<!-- Bootstrap Styles-->
<link href="assets/css/bootstrap.css" rel="stylesheet" />
<!-- FontAwesome Styles-->

<link href="assets/css/font-awesome.css" rel="stylesheet" />
<link rel="stylesheet" href="..fontawesome-free-5.13.0-web/css/all.css">
<link rel="stylesheet" href="assets/css/morris.css">
<script src="assets/js/jquery.min.js"></script>
<script src="assets/js/raphael-min.js"></script>
<script src="assets/js/morris.min.js"></script>
<!--morris.js-->
<link rel="stylesheet" href="//cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.css">
<script src="//ajax.googleapis.com/ajax/libs/jquery/1.9.0/jquery.min.js"></script>
<script src="//cdnjs.cloudflare.com/ajax/libs/raphael/2.1.0/raphael-min.js"></script>
<script src="//cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.min.js"></script>

<!-- Custom Styles-->
<link href="assets/css/custom-styles.css" rel="stylesheet" />
<!-- Google Fonts-->
<link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet' type='text/css' />
<!-- TABLE STYLES-->
<link href="assets/js/dataTables/dataTables.bootstrap.css" rel="stylesheet" />
</head>
<body>
<div id="wrapper">

<nav class="navbar navbar-default top-navbar" role="navigation">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-
target=".sidebar-collapse">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="index.php"><?php echo $name; ?> </a>
</div>

<ul class="nav navbar-top-links navbar-right">
<li class="dropdown">
<a class="dropdown-toggle" data-toggle="dropdown" href="#" aria-
expanded="false">
<i class="fa fa-user fa-fw"></i> <i class="fa fa-caret-down"></i>
</a>
<ul class="dropdown-menu dropdown-user">
<li><a href="usersetting.php"><i class="fa fa-user fa-fw"></i> User Profile</a>
</li>
<li><a href="settings.php"><i class="fa fa-gear fa-fw"></i> Settings</a>
</li>
<li class="divider"></li>
<li><a href="logout.php"><i class="fa fa-sign-out fa-fw"></i> Logout</a>
</li>
</ul>
<!-- /.dropdown-user -->

```

```

        </li>
        <!-- /.dropdown -->
    </ul>
</nav>
<!--/. NAV TOP -->
    <nav class="navbar-default navbar-side" role="navigation">
<div class="sidebar-collapse">
    <ul class="nav" id="main-menu">

    <li>
        <a href="reserve.php"><i class="fa fa-bed"></i> Room Status</a>
    </li>

        <li>
            <a href="poolstatus.php"><i class="fa fa-tint"></i> Pool Status</a>
    </li>
    <li>
        <a href="#"><i class="fa fa-cart-plus"></i> Order and Food Product</a>
        <ul class="nav" id="main-menu">
            <li>
                <a href="../product.php"> Product</a>
    </li>
        </ul>
        <ul class="nav" id="main-menu">
            <li>
                <a href="../Category.php"> Category</a>
            </li>
        </ul>
        <ul class="nav" id="main-menu">
            <li>
                <a href="FoodReserve.php"> Food Order</a>
            </li>
        </ul>
    <li>
        <a href="room.php"><i class="fa fa-building"></i> Room</a>
    </li>

        <li>
            <a href="payments.php"><i class="fa fa-credit-card"></i> Payments</a>
    </li>

    <li>
        <a href="#"><i class="fa fa-qrcode"></i>Reports</a>
        <ul class="nav" id="main-menu">
            <li>
                <a class="active-menu" href="profit.php"> Room Daily Income</a>
            </li>
        </ul>
        <ul class="nav" id="main-menu">
            <li>
                <a href="monthly.php"> Room Monthly Income</a>
            </li>
        </ul>
        <ul class="nav" id="main-menu">
            <li>
                <a href="yearly.php"> Room Yearly Income</a>

```

```

        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="res_profit.php"> Restaurant Daily Income</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="res_monthly.php"> Restaurant Monthly Income</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="#.php"> Restaurant Yearly Incom</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Best Seller Menus</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Reserved Pool & Jacuzzi</a>
        </li>
    </ul>
    <ul class="nav" id="main-menu">
        <li>
            <a href="profit.php"> Most Used Amenities</a>
        </li>
    </ul>
</li>

<li>
    <a href="logout.php" ><i class = "fa fa-sign-in-alt"></i> Logout</a>
</li>
</ul>
</div>
</nav>
</nav>
<!-- /. NAV SIDE -->
<div id="page-wrapper" >
    <div id="page-inner">
        <div class="row">
            <div class="col-md-12">
                <h1 class="page-header">
                    Profit Details<small> </small>
                </h1>
            </div>
        </div>
    </div>
<!-- /. ROW -->

<div class="row">

```

```

<?php
//index.php
//$connect = mysqli_connect("localhost", "root", "", "hotel");
include('db.php');

```

```

$query = "SELECT * FROM transaction";
$result = mysqli_query($con, $query);
$chart_data = "";
$tot = 0;
while($row = mysqli_fetch_array($result))
{
    $chart_data .= "{ date: ".$row["checkout"].", profit: ".$row["bill"] * 10/100 ."}, ";
    $tot = $row["bill"] * 10/100;
}
$chart_data = substr($chart_data, 0, -2);

```

?>

```

<br>
<br>
<br>
<br><div id="chart"></div>
<div class="col-md-12">
    <!-- Advanced Tables -->
    <div class="panel panel-default">
        <div class="panel-body">
            <div class="table-responsive">
                <table class="table table-striped table-bordered table-hover" id="dataTables-

```

example">

```

<thead>
    <tr>
        <th>ID</th>
        <th>Name</th>
        <th>Check in</th>
        <th>Check out</th>
        <th>Day</th>
        <th>Payment Type</th>
        <th>Reference No. </th>
        <th>Total</th>

```

```

</tr>
</thead>
<tbody>

```

```

<?php

```

```

$sql="SELECT * FROM `transaction` NATURAL JOIN `guest`";
$re = mysqli_query($con,$sql);
while($row = mysqli_fetch_array($re))
{

```

```

    $transaction_id = $row['transaction_id'];

```

```

if($transaction_id % 2 ==1 )
{
    echo"<tr class='gradeC'>
        <td>".$row['transaction_id']. " </td>
        <td>".$row['firstname']. "</td>
        <td>".$row['checkin']. "</td>
        <td>".$row['checkout']. "</td>
        <td>".$row['days']. "</td>
        <td>".$row['payment_type']. "</td>
        <td>".$row['referenceno']. "</td>
        <td>P".$row['bill']. "</td>

        </tr>";
    }
else
{
    echo"<tr class='gradeU'>
        <td>".$row['transaction_id']. " </td>
        <td>".$row['firstname']. "</td>
        <td>".$row['checkin']. "</td>
        <td>".$row['checkout']. "</td>
        <td>".$row['days']. "</td>
        <td>".$row['payment_type']. "</td>
        <td>".$row['referenceno']. "</td>
        <td>P".$row['bill']. "</td>

        </tr>";
    }
}
?>
</tbody>
</table>
</div>

</div>
</div>
<!--End Advanced Tables -->
</div>
</div>
<!-- /. ROW -->

</div>

</div>

</div>
<!-- /. PAGE INNER -->
</div>
<!-- /. PAGE WRAPPER -->
<!-- /. WRAPPER -->

```

```
<!-- JS Scripts-->
<!-- jQuery Js -->
<script src="assets/js/jquery-1.10.2.js"></script>
  <!-- Bootstrap Js -->
<script src="assets/js/bootstrap.min.js"></script>
<!-- Metis Menu Js -->
<script src="assets/js/jquery.metisMenu.js"></script>
<!-- DATA TABLE SCRIPTS -->
<script src="assets/js/dataTables/jquery.dataTables.js"></script>
<script src="assets/js/dataTables/dataTables.bootstrap.js"></script>
  <script>
    $(document).ready(function () {
      $('#dataTables-example').dataTable();
    });
  </script>
  <!-- Custom Js -->
<script src="assets/js/custom-scripts.js"></script>
```

```
</body>
</html>
<script>
Morris.Bar({
  element : 'chart',
  data:[<?php echo $chart_data; ?>],
  xkey:'date',
  ykeys:['profit'],
  labels:['Profit'],
  hideHover:'auto',
  stacked:true
});
</script>
```

## RESEARCHER'S DATA

Name : Mil Jane I. Bucag  
Nickname : "Mil"  
Date of Birth : March 31, 2000  
Place of Birth : Roxas, Bilar, Bohol  
Age : 22  
Home Address : Roxas, Bilar, Bohol  
Email Address : miljanebucag14@gmail.com  
Religion : Roman Catholic  
Citizenship : Filipino  
Father's Name : Victor O. Bucag  
Mother's Name : Josefina I. Bucag



## EDUCATIONAL BACKGROUND

Elementary : Bilar Central Elementary School  
: Poblacion, Bilar, Bohol  
: 2011-2012  
Secondary : Bilar National High School  
: Yanaya, Bilar, Bohol  
: 2017-2018  
Tertiary : Bohol Island State University- Bilar Campus  
: Zamora, Bilar, Bohol  
: Present  
Degree Earned : Bachelor of Science in Computer Science  
Worked Experience : On the Job Training  
: BISU Bilar Campus  
: Zamora, Bilar, Bohol  
: 2022

## RESEARCHER'S DATA

Name : Neil Kavin T. Adlawon  
Nickname : "Kavin"  
Date of Birth : April 4, 2000  
Place of Birth : San Mateo Rizal  
Age : 22  
Home Address : Cabacnitan, Bilar, Bohol  
Email Address : neiladlawon123@gmail.com  
Religion : Roman Catholic  
Citizenship : Filipino  
Father's Name : Edward H. Adlawon  
Mother's Name : Nilfa T. Adlawon



## EDUCATIONAL BACKGROUND

Elementary : Cabacnitan Elementary School  
: Cabacnitan, Bilar, Bohol  
: 2011-2012  
Secondary : Saint Anthony Academy  
: Poblacion Sur, Batuan, Bohol  
: 2017-2018  
Tertiary : Bohol Island State University- Bilar Campus  
: Zamora, Bilar, Bohol  
: Present  
Degree Earned : Bachelor of Science in Computer Science (BSCS)  
Work Experienced : On the Job Training  
: Local Government Unit (LGU) Bilar  
: Poblacion, Bilar, Bohol  
: 2022

## RESEARCHER'S DATA

Name : Jean M. Jariolne  
Nickname : "Denden"  
Date of Birth : June 24, 2000  
Place of Birth : Roxas, Bilar, Bohol  
Age : 22  
Home Address : Roxas, Bilar, Bohol  
Email Address : dendenj2000@gmail.com  
Religion : Roman Catholic  
Citizenship : Filipino  
Father's Name : Eduardo D. Jariolne  
Mother's Name : Alma M. Jariolne



## EDUCATIONAL BACKGROUND

Elementary : Bilar Central Elementary School  
: Poblacion, Bilar, Bohol  
: 2011-2012  
Secondary : Bilar National High School  
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: 2022