

Website Developers Names:

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CIS 1202 - Group 4 (MW 7:30 - 10:00)

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Project Name

Marjhun's Apartments and Hotels (Apartelle) Website.






Project Description

The proposed project is a website prototype designed for aiding and helping the business processes and transactions of a local apartment-hotel business called Marjhun's Apartelle, which is located in Burgos St., Cantagay, Jagna, Bohol. The client of this proposed website is Marycel B. Galanido, owner of Marjhun's Apartments and Hotels (Apartelle). In order for customers to book an apartelle room of the client, they will visit their Facebook page to the contact information of the client. The customer will give all the requested information to book some rooms and schedule some recreational activities. The client will manually write down and record all the information that the customer requested and more to come. So this might cause the client to have difficulties in handling all information to handle their business. Therefore, the developers of the proposed website will create efficient management system for the client to handle all business process and transactions with ease and the employees to be notified on their assigned task and the customers can easily book rooms and schedule recreational activities with push of a button in the developed website of the clients business, made by the developers.

Goals of the Project

As travel becomes more popular, more individuals are looking for short-term apartment rentals. However, keeping everything organized is difficult without a good apartment booking system. Our website is necessary for managing reservations and ensuring the smooth operation of apartment rentals. This system's main goal is to make it simple for users to find and book apartments that meet their needs. This includes providing detailed information about each apartment, such as when it is available, how much it costs, where it is located, and what amenities it offers. Furthermore, users should be able to reserve and pay for their preferred apartment in a secure and convenient manner. Our website can also provide a recreational activities scheduling system to maximize their enjoyment during their stay in the vicinity and this may encourage people to use our website to book their short-term apartment rentals.

Developers

Name of Member	Program and Year	Role/Responsibility	Photo
Suico, Lorenz Gil G.	BSIT - 2	-Front-End and Back-End Developer -Leader	
Gobui, Ralph Matthew M.	BSCS - 2	-Front-End and Back-End Developer -Co-Leader	
Nacario, Shawn Ryan C.	BSIT - 1	-Front-End and Back-End Developer	
Balderas, Aiven C.	BSIT - 1	-Front-End and Back-End Developer	
Ochavo, Marc Nelson B.	BSIT - 1	-Front-End and Back-End Developer	

Background of Client/Beneficiary

Marjhun's Apartelle, located on the southeast coast of Bohol, is a pleasant, family-run establishment with a charming sea front of marine sanctuary water of Camiguin Sea and a fresh sea breeze in the headland. Marjhun's Apartelle provides you with the opportunity to rest and enjoy yourself in the charming town of Jagna. But, in order for it to be widely known and available to the general public, the developers intend to create a website that will be visible to customers nationally. Customers from afar can view the specifics, different sorts of

accommodations, and the very heartwarming sunset that greets them on this website. With a simple click of a button, it is now possible to book digitally with ease and convenience, while the personnel prepare for and await their arrival, providing the necessary hospitality.

Benefits for Client/Beneficiaries

Benefits for Clients:

- The client can list their available apartments on the website along with pictures, which helps renters to have a clear idea of the property and increases their interest in it.
- The Client will have an easy task tracking the payments of the customers.
- This user-friendly website can provide customers satisfaction and can help attract new customers.
- The website can help clients manage their recreational activities, such as KTV rooms and 2-person raft sailing boats, by providing tools for managing and maintaining them for their customers.

Benefits for Customers:

- The website is simple to use and allows customers to easily find and book apartments that meet their needs.
- Customers can use the website to reserve and pay for their preferred apartment.
- Allows the customers to contact the Client or Employees in real-time using the website.
- The website allows customers to explore and view the recreational activities that clients have to offer, as well as plan and schedule appointments for these activities.

Benefits for Employees:

- The website will help the employee track the booking period of the customers.
- Allows the Employees to contact customers or renters real-time when questions or problems arise.
- Allows employees to handle reservations and rental properties more efficiently, potentially increasing productivity.
- The employees can access the website to view which customers have set appointments for different recreational activities and the duration of those appointments.

Project Scope and Constraints

Project Scope

This project mainly focuses on the effectiveness of the proposed website in facilitating the booking process and scheduling of recreational activities in Marjhun's Apartments and Hotels (Apartelle), which is located in Jagna, Bohol. The primary subjects of this project proposal are the customers who reside in the aforementioned apartment-hotel and the client who supervises the daily operations in the apartment-hotel. The subjects of this project also

include the employees who interact with the customers in booking a room and in utilizing the various amenities available in the apartment-hotel. The users shall test out the website of this project and give their feedback for the developers to know if any further developments are recommended.

Project Constraint

The limitations of our proposal are monetary budget since we must have financial income to supply the necessary needs and keep the furniture or any appliances that may be damaged in high maintenance and be usable to the client's to avoid any accidents or any unsatisfied feedback through the client's end as well as the budget to host the website. Another limitation is the client's communication and their connectivity since there is a high possibility that the client's communication might be faulty or bad which will result in having problems with reaching out to each other and communicating. Another limitation is the amount of experience of our developers in web development since some are quite new to website development. As the developers go through the development process of the proposed website, the developers handle the mentioned constraints.

Features and Modularity of the Project

Within the proposed website of the developers, the developers will include the following proposed features and modularity of the website the client, employees, and customers to use:

- Login Page - this feature of the website will allow the current and existing users to enter their email address and password to access the customer page of the website
- Registration Page - this feature of the website will allow new users to register and create their accounts using their name, email address, password, and contact number into the website for them to view more information about the client's apartelle business and book and set some appointments.
- Preview Page - this page of the proposed website will show a preview of the website and the client's business to gain the customer's interest to create or login their accounts to view more information about the proposed website and the client's apartelle business
- Main Page - this page of the website will display all the features of the client's business like booking apartelle rooms, setting schedules of recreational activities, client's information, etc.
- Booking Page - this page of the proposed website will allow the customers to view what kinds of rooms the client have are available to book in their apartelle and view the estimated price of the room and duration of their reservation. If the room and price is satisfying for the customer, the customer can easily book the apartelle room with ease. This page would allow the client and their employees to view the customer's booking requests and approve the customer's requested booking. This page can allow the customer to change their booking requests, like changing into another room, extending their scheduling appointments, canceling their booking request, etc.

- Scheduling Page - this page will allow the customers to set scheduling appointments of their chosen recreational activities, e.g. KTV appointments, Kayaking appointments, etc. This page will also help the client and employees in managing their resources in assigning who will be assigned per day.
- Client Information Page - this page will allow the customers to view more information about the client's business, e.g. client's contact information, client's business location, etc. and what the client can offer to the customers' interest to book a room.
- Review Page - this page will allow the customers to send their reviews and ratings to the client's business in terms of their satisfaction.
- Payment Section - this section will display what payment method the customer will pay for their booking and scheduling appointments like GCash and Cash to the client's business transactions.
- Logout Page - this page will allow users to log out their accounts from the main page and back to the preview page.

Proposed Entity Relationship Diagram

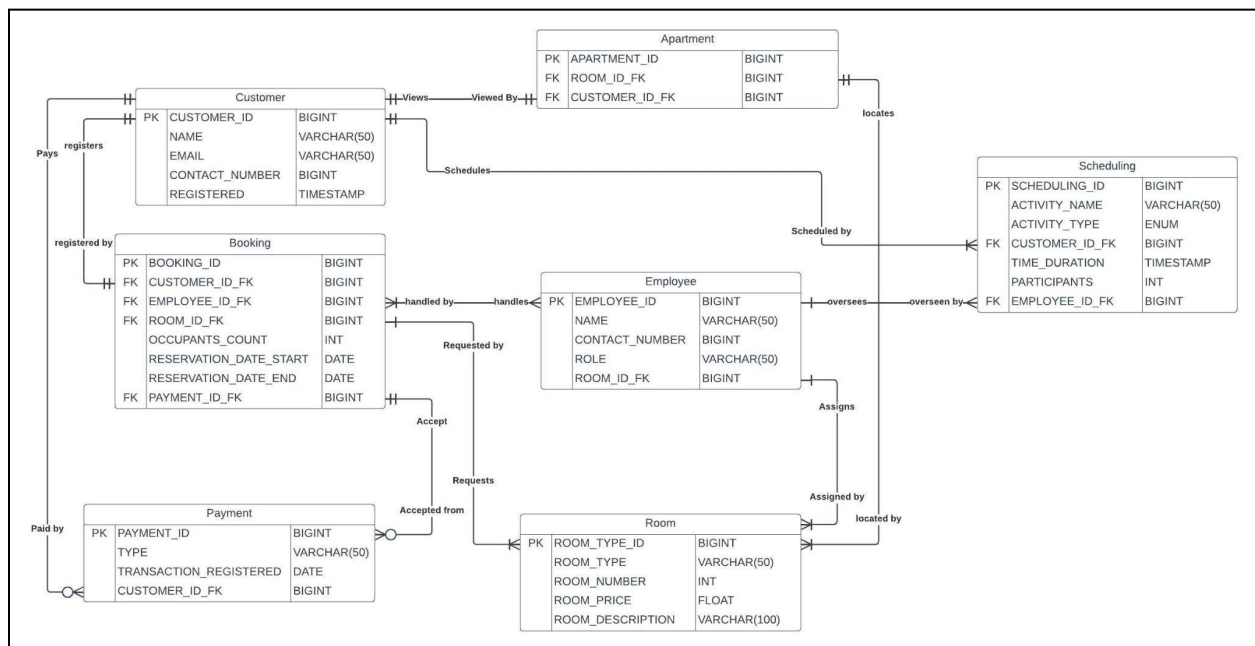


Figure 1.1 Marjhun's Apartments and Hotels (Apartelle) Entity - Relationship Diagram

This diagram illustrates how each implementation can form a relationship between each other to form the basis of the information system that the developers will create for the proposed website. With the help of this diagram, the developers can create the database that will store all the information of the client's business process and transaction for the client to easily access and handle their business with ease.