**Ocean View Reservation System**



A Project Presented to the

Faculty of the College of Computer Studies

(YOUR\_UNIVERSITY)

(LOCATION)

In Partial Fulfillment

Of the Requirement of the subjects

Object-Oriented Programming

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**THE PROBLEM AND ITS SETTINGS**

**Introduction**

The Ocean View is one of the known beaches in Magoong, Linamon, Lanao Del Norte. The beach is cheaper than the rest of the beaches in the area, and the beach is better accessible roadway than other beaches. However, Oceanview has three crucial problems uncertain occupancy cottage status, paper-base logbook , and paper-based reservation.

The importance of this study is to create an application to solve the underlying problem of the resort. By understanding and resolving these problems, it will contribute to improving the overall efficiency of the beach.

Lagman D, (September 2018), Lan-Based Reservation System for Hacienda Gracia Resort and Hotel. A resort is a place used for relaxation or recreation, where visitors are being attracted to take their holiday or vacation. It refers to places, towns or sometimes commercial establishments operated by a single company. On the other hand, a hotel is differentiated as an establishment that provides paid lodging on a short-term basis. Computer programmers are continuously developing a system application to better serve resort or hotel guests because some hotels and resorts are becoming fully automated while others are still striving for the similar setting.

The objective is to improve operational efficiency by providing a digital solution for transparent occupancy status, clear rate structures, and a user-friendly reservation process, ultimately enhancing the overall management of the beach for better accessibility and efficiency.

The locale of the study is focus on Ocean View beach located in Magoong, Linamon, Lanao Del Norte.

**Statement of the Problem**

The researchers have recognized three following problems:

* Uncertain Occupancy Cottage Status - The resort is incapable of tracking the Occupancy of Cottage.
* Paper-Based Logbook – The resort use paper to track and store information of the present and past customers
* Paper-Based Reservation – The resort use paper to store the reservation information from the customer

**Objective of the Study**

The objective of this study is to develop the **Ocean View Reservation System**

. Specifically, this study aims to:

* Design a system that will efficiently check the cottage occupancy and avoid uncertain occupancy cottage status that may impact the quality of service the resort offer
* Develop a system that store the present and past customer information for further usage such as knowing the customer preference.
* Test and evaluate a system that will resolve the problem of paper-based system and efficiently impacts the overall performance of the resort

**Scope and Limitation of the Study**

The limitation of the system is inability to process reservation by the customer itself as it need the interference of the staff. On the other hand, the develop system is capable of handling past and present information about the client for further usage to an any sort of portable storage thus, keeping the customers information safe and the strength of the system lies on remove the paper-base system that impact the overall performance of the resort from the reservation down to the cottage. As for the weakness lies on the Logbook as it needed to be save into a file before it can be view by the admin.

The system is going to made for the administrator and staff inside the premises of the resort and with the aim to deliver accurate information to the customers about the cottage thus enhancing the customer satisfaction and further more improve the overall performance and efficiency of the resort itself

**Significance of the Study**

The following entities that will benefit from this study are:

**Administrator.** The administrator will able to view the cost of the reservation and total amount needed to be paid and save the information to a virtual/physical file storage for further usage.

**Staff.** The advent of the system benefits the staff as it will ease the workflow of the resort.

**Customers.** The customers will able to avail for reservation through the help of staff through phone calls or any form contact to the staff and view the staff input information if the customer are walk-in reservation.

**Definition of Terms**

To ensure the study's clarity, the following terms are utilized and their meanings are specified.

**Add Reservation:** The system will display a box where the staff input the customer/s information and reservation date.

**Delete:** The system will remove a reservation if the customer cancel the reservation.

**Add List:** The system will record the customer/s information to the system

**Main/Staff Panel:** A part of system that contains the list of reserve customer/s, add reservations, delete

**Admin Panel:** A part of system that contains the receipt of the customer who reserve a cottage and the total amount of cost and to be paid. It also contains the clear receipt where it will delete the receipt, save receipt will store the presented receipt to a virtual or physical storage after the customer and staff interactions is done and lastly reset database is it will delete and reset the directory of the save receipt