

Title:

Hotel Management System

Abstract

- ▶ With the continuous improvement of people's living standards, people's spare time life become more colorful than before . More and more people will choose traveling as a form of entertainment , so did the development of hotels for people who were traveling or on business.

The competition between hotels is becoming more and more fierce, so improving the management level of hotels, implementing the information construction is undoubtedly a wise choice.

Hotel room management system through the collection of information, transmission, sorting, processing, maintenance and use, improve the management level and efficiency, so as to achieve the automation, standardization and humanization of hotel management . According to the characteristics of hotel room management, this system uses Java Swing Technology and Mysql database to connect, and develops under the development tool of Myeclipse. The system has the functions of reservation, checkout and settlement.

With this system, hotel room can be managed conveniently and quickly, which greatly improves the efficiency of processing and makes management more modern.

Introduction

- ▶ This hotel management system is developed for hotels those are using a manual system to handle hotel processes. There are three main users in hotel management system, administrator, Manager and Receptionist. Administrator can maintain daily updates in the hotel records. This system will automate the major operations of the hotel. Administrator can access to all system functionalities without any restrictions. Administrator is must be an authorized user. He can further change the password. There is the facility for password recovery, logout, etc.

Manager can access to all system functionalities with limited restrictions. Receptionist can only access to the Reservation Management section. The main aim of the entire activity is to automate the process of day to day activities of Hotel. The main objective of the entire activity is to automate the process of day to day activities of Hotel. Using this system you can manage room activities and keep track of admission of a New Customer. Using this system you can check rooms according to customer's need and can assign easily room to customer.

Checkout of a customer and updating the releasing room information in the system is very easy. When user do checkout system will generate final bill after calculating all the bills. User can also check online, all the packages available. He can also book rooms online. He can also cancel booked room online.

Objective

- ▶ To built an application program to reduce manual work for managing a room, customer, laundry bill ,booking.
- ▶ Provide the searching facilities based on various factors such as room, booking, food bills.
- ▶ Hotel Management System also manage the laundry bills details online for tariffs details , food bill details, room.
- ▶ Shows the information and description of the room and booking.

- Manage the information of customer.
- To increase efficiency of managing of room and customer.
- Manage the information of room.
- It deals with monitoring the information and transaction of tariffs.

Proposed work

Method of Booking :

When a customer decides to call personally and book, the reception will inquire the type of room sort. There are three main types of rooms:

- i. Twin Room(Double Suit)
- ii. Luxury Suit
- iii. Exclusive Suit

The receptionist presents the customer with a document known as the tariff.

Method of Allocation:

Having collected the necessary information about the customer, the receptionist now uses from the reservation chart to confirm which of the room sort by the customer is vacant and then allocates it to the customer. However, some customers are given privilege to select not only the type of room sort, but also the particular room sort under that type.

Method of Exit:

The process of a customer's exit varies from time to time, but generally follows a particular pattern. The departing customers will submit the key to his room at the reception section and proceeds to the accounts section to conclude the financial aspects of transaction.

Architectural Framework of Online computerized Hotel Management System

- ▶ In this paper, an architectural framework for an online Hotel management system is developed and presented in Figure. The framework highlights the structure of the developed system together with the way they interactions with each other The architecture of the system shows constraints imposed by the user requirements and the available technology

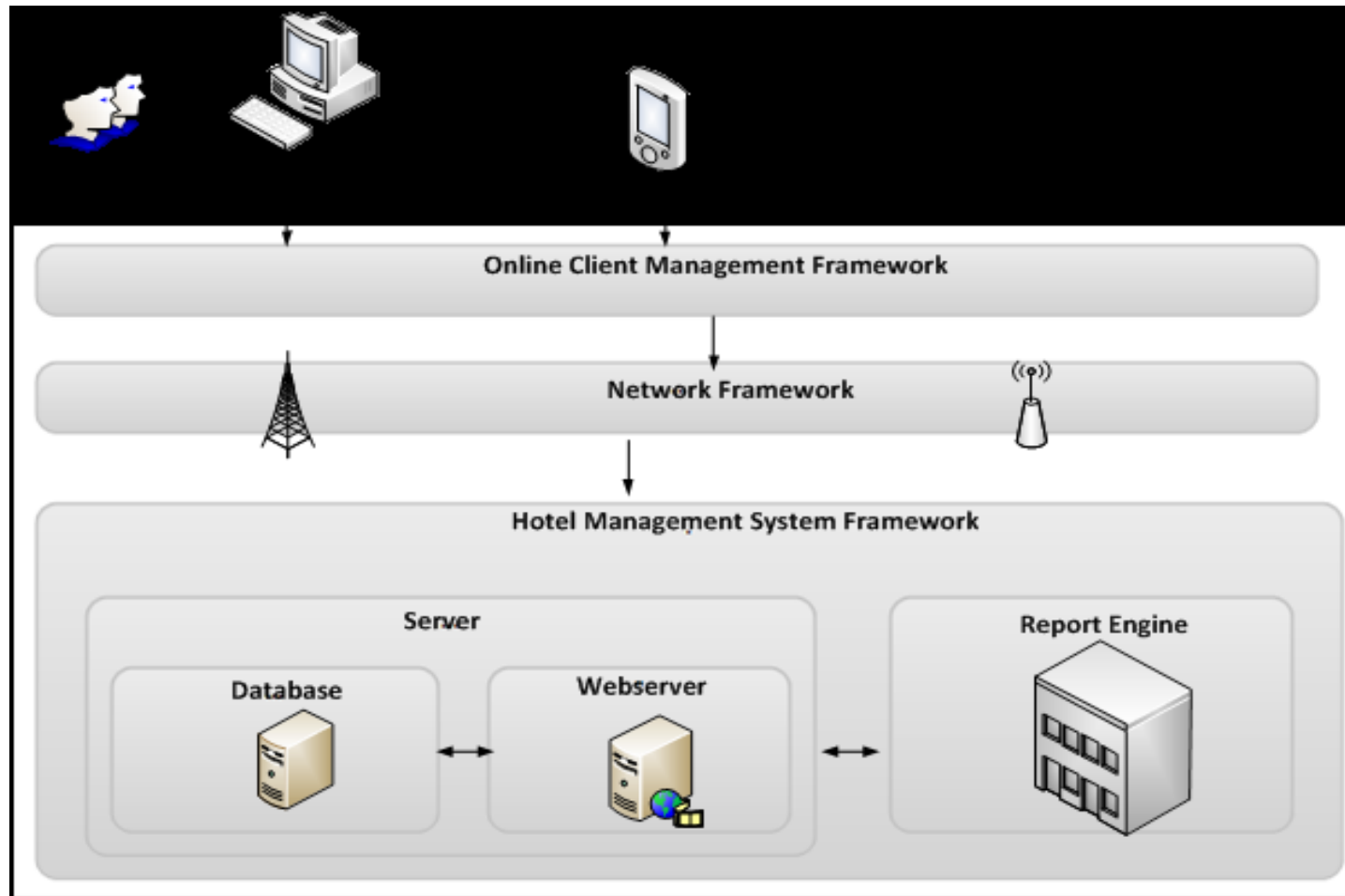
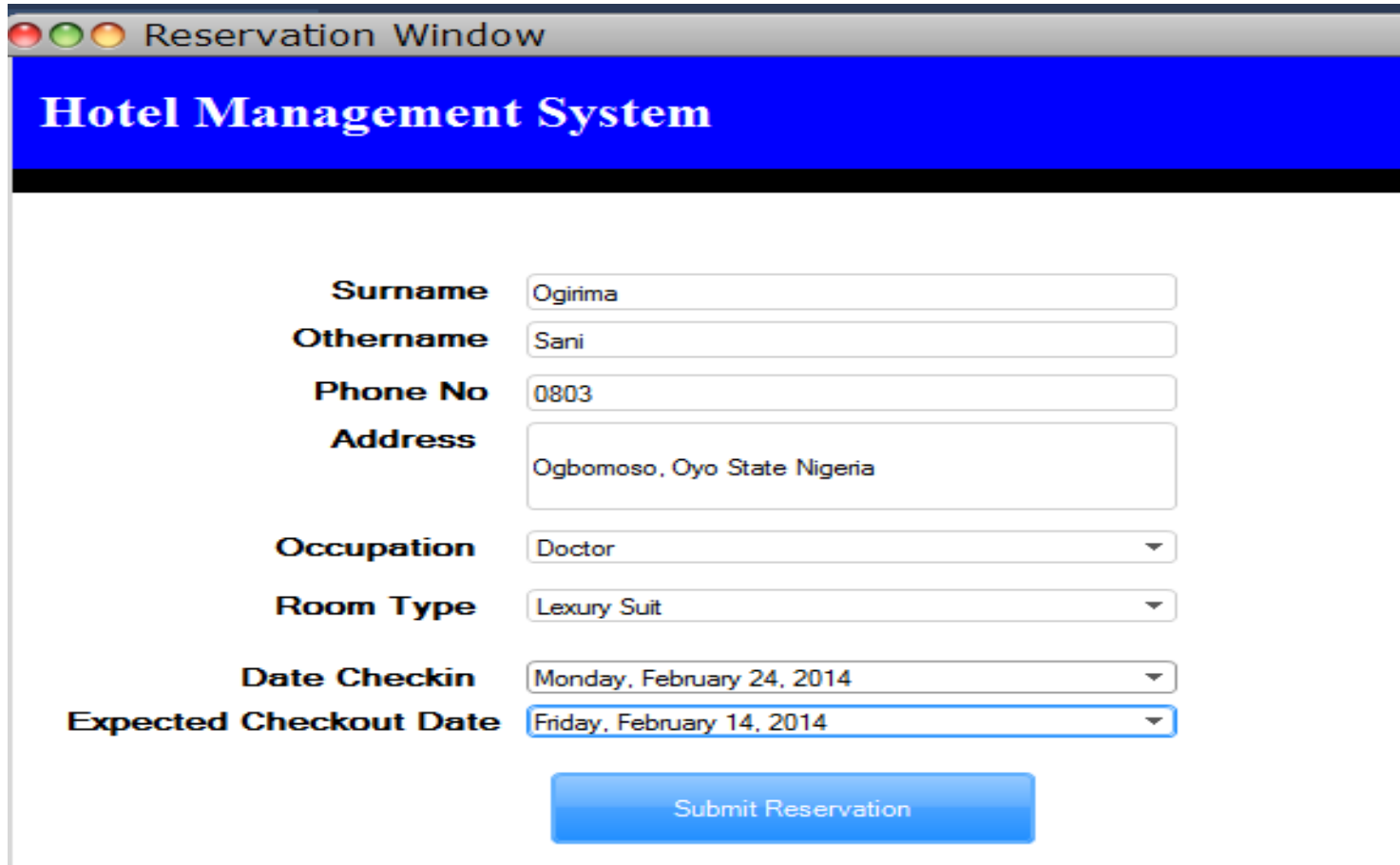


Figure: Architectural Framework of Hotel Management System

Reservation Window



Reservation Window

Hotel Management System

Surname	<input type="text" value="Ogirima"/>
Othername	<input type="text" value="Sani"/>
Phone No	<input type="text" value="0803"/>
Address	<input type="text" value="Ogbomoso, Oyo State Nigeria"/>
Occupation	<input type="text" value="Doctor"/>
Room Type	<input type="text" value="Luxury Suit"/>
Date Checkin	<input type="text" value="Monday, February 24, 2014"/>
Expected Checkout Date	<input type="text" value="Friday, February 14, 2014"/>

Conclusion:

In this paper, user preferred online hotel management system (HMS) to conventional Manual Hotel Processing as investigated. Privacy, mobility, ease-of-use, security and cost are preferential critical assessment factors considered to impact user's choice decision.

References

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