SUMMARY FINAL PROJECT REPORT

LACABECCA HOTEL MANAGEMENT SYSTEM

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Introduction

This system was developed to help Lacabecca Hotel with the accurate management of their Guest Information. The manual way of collecting data is tedious and can be subject to a lot of errors and data misplacement. This offline system can only be accessed by the staff of the hotel and is mainly for data collection and organization of data.

The System performs functions such as allowing for the input of data, saving, update / editing, deleting, resetting, printing, searching the data and calculating the price of a room per day. Data stored in the system include Guest Reference, Name, Address, Gender, Date of Birth, Nationality, Email, Mobile Number among others. Arrival Date, Departure Date, Payment Mode as well as other information is also recorded.

The system is user friendly and requires little or no training to operate it.

System Requirements

To be able to run this system, the device should have a

- An app for opening databases (preferably DB Browser for SQLite)

- Integrated Development Environment (IDE) for compiling the program (preferably Eclipse IDE) with tools that be used within the libraries of JDK and other reference libraries like jcalender.jar, rs2xml.jar and sqlite jdbc.jar.

Uses of the buttons in the system

1. **SAVE**: This saves new input data into the database.

2. **DELETE**: This deletes or removes an existing guest's record from the database.

3. **UPDATE / EDIT**: This allows changes to be made to a guest's record and save the changes.

4. **LOAD GUEST DATA**: This loads all the guest information in the database.

5. **RESET**: This sets the input pane back to its original place ie. all the data inputted will be removed to allow for input of new data (Note that the saved data is not affected – it still remains saved)

6. **EXIT**: Exits the system

7. **SEARCH**: Searches the database for the information selected. Information that can be searched for are Guest Reference, Surname, Gender, Arrival Date, Departure Date, Room Type and Payment Mode.

8. **TOTAL**: Calculate the amount to be paid by the guest per day (includes only tax and room cost). Food service is not compulsory in the hotel.

9. **PRINT**: Allows for the printing of the data

Limitations of the System

- The system is only limited to the staff of the hotel. Hotel guest cannot access the system for self-booking of rooms.

- It is an offline system.

- More room for improvement on functions performed.

Future Suggestions

The system can be developed into an online system to also make room for users to book their rooms.