HOTEL MANAGEMENT SYSTEM

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INTRODUCTION

● The hotel management software will vastly cut down the time you spend on manual administrative tasks. The software does the majority of the work and lets you divert your time to more important tasks, such as serving your guests.

● The hotel management system is one of the best sources for all stages of people as they provide detailed information about the rooms, food service, management, etc.

● The hotel management is not one concept, but many tied together under one umbrella.

PROBLEM STATEMENT

● The objective of this python MySQL project is to build a Hotel Management System that will store & manages the information of customer(Updation of information also done in this module) and allot available room as per their choice and also generate bill.

AIM & OBJECTIVE

This project aims at the design and Implementation of a Hotel management system to aid accessibility and easy maintenance of customers data.

The following are the objectives of the project:

- The main objective of the entire activity is to automate the process of day-to-day activities of Hotel like: 1. Room activities, 2. Admission of a New Customer, 3. Assign a room according to customer's demand, 4. Checkout of a computer and releasing the room 5. Finally compute the bill etc. 6. Packages available.
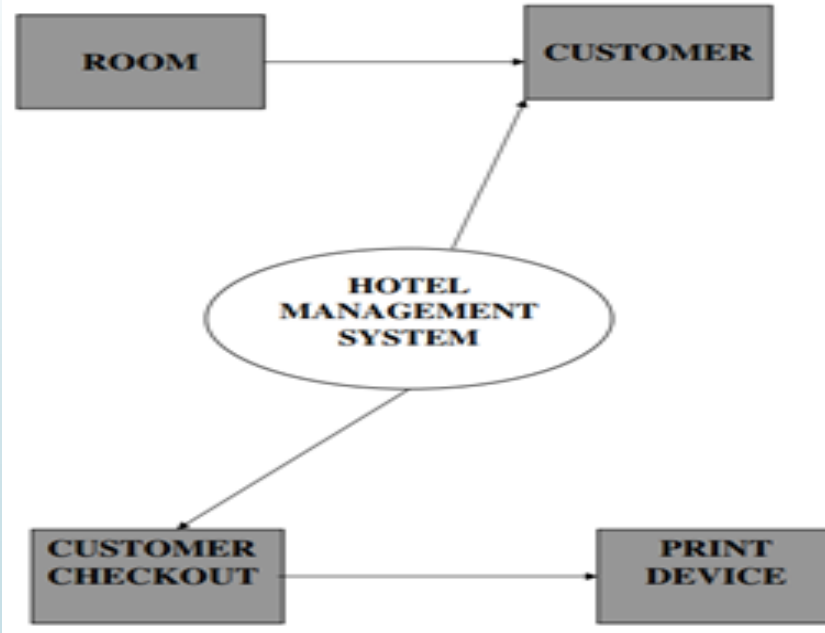
SOFTWARE REQUIREMENTS

PROJECT FLOW

ALGORITHM

1. Login To the System and Confirm the Admin access.
2. Add Customer Details to the customer Tab.
3. The Details of available rooms added by the hotel staff in the Details tab.
4. The available room will book by the customer as per choice through the room tab.
5. Billing details are also included in the Room tab.
6. To LOGOUT the system simply click on the logout Button.

PROJECT WORKING

SCREENSHOT OF HOTEL MANAGEMENT SYSTEM INTERFACE
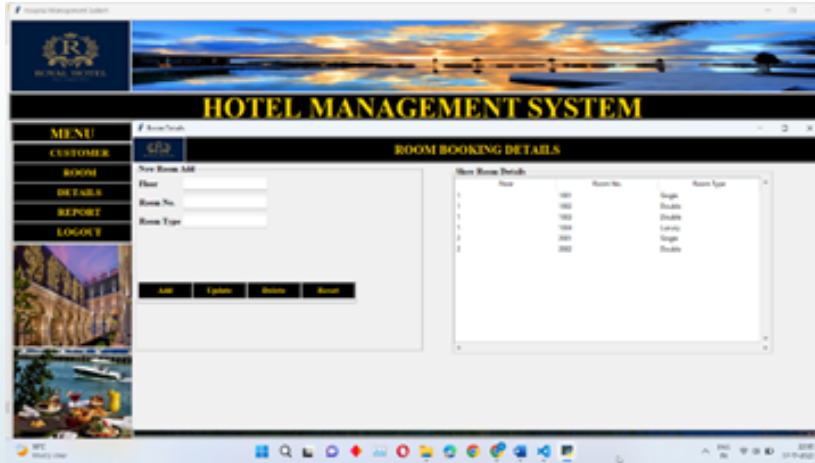
CUSTOMER & ROOM DETAILS :

Available Room & Report:

ADVANTAGES

- Adequate Record Keeping .
- Reduced Incidence of Fraud : The program is envisaged to reduce the incidence of fraud both by staff and outsiders through proper record keeping, tracking and monitoring of transaction operations in the organization.
- Maximum Accountability: To Instill accountability in the process of management in the hotel organization by not only reducing incidence of fraud, but also eliminate wastages.
- Provide Data Security.
- Effective Resource Management :module will enhance staff deployment and productivity.
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DISADVANTAGES

● Available Room with displaying with its type is a major concern.

● It is difficult to build a perfect system.

● The booking process usually requires a customer identity which the system cannot detect.

● Applications:
This system can be applied in hotels.
It can also be implemented in resorts.

LIMITATIONS

The "finance and account" aspect of the HMS will not capture the budget function; it only captures the Bill Amount payable.

➢ Another limitation of the system is that customer's signature will not be captured. This process might make
procedures cumbersome, which is what the study hopes to eliminate; however it captures full details of the
customer.

➢ The system does not have an online payment option on the room reservation menu.

➢ The system is not designed to run on-line.

➢ Due to time constraints certain fields were not included; the software was therefore reduced to covering critical aspect of hotel management.

CONCLUSION

● In conclusion we believe this project if properly utilized will save time, reduce the amount of work the administration has to do, and will replace the stationery material with electronic apparatus. T
● he system should also serve as a major tool to improving the efficiency in Hotel management.
● Hence a system with expected results has been developed but there is still room for improvement.

FUTURE SCOPE

● This project can be used in the hotel after adding some more useful modules in the project for which hotel are providing services. Utmost care and back-up procedures must be established to ensure 100% successful implementation of the computerized hotel system. In case of system failure, the organization should be in a position to process the transaction with another organization or if the worst comes to the worst, it should be in a position to complete it manually.

● **Scope of Improvement**
Now a days hotel are providing many other facilities, this project can also be improved with the improvement in the Hotels.

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THANK YOU