

Hotel Reservation System Proposal

PREPARED BY



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Introduction:

This document contains details of development of a hotel reservation system. As traditional hotels are using manual system for their hotel management, due to manual reservation or booking, growth and efficiency of the hotel is reduced. Iterative waterfall method will be used as the software development life cycle. Coding will be handled through an Object-oriented approach. Above mentioned methodologies will make the project work load light and provide the ease of developing. Evaluation will help for further maintenance of the product. Fully functional Hotel Reservation System will fulfil the main objectives and all the events of the hotel.

Purpose

The purpose of Hotel Reservation system is to help user to manage all booking activities with customers regarding reservation.

Objective:

This Hotel Reservation System will automate the major operations of the hotel. The Reservation System is to keep track in room and hall reservation and check availability. User can access the system functionalities with given premises.

As a solution to the large amount of file handling happening at the hotel, this software will be used to overcome those drawbacks. Safety, easiness of using and most importantly the efficiency of information retrieval.

Scope:

- This system will make reservation of rooms for the customers.
- The user will be able to Search Rooms.
- The user can manage room details (Add, Update, Delete).
- The user can set room fares.
- The system will email invoice to customers.
- User will be Logged in to access the system.
- Dashboard for viewing over all summary.
- Advance payment can be inserted.

- View customer balance alongside paid amount.
- The system will Generate Printed Invoice.

Additional Features(Currently not included in the system):

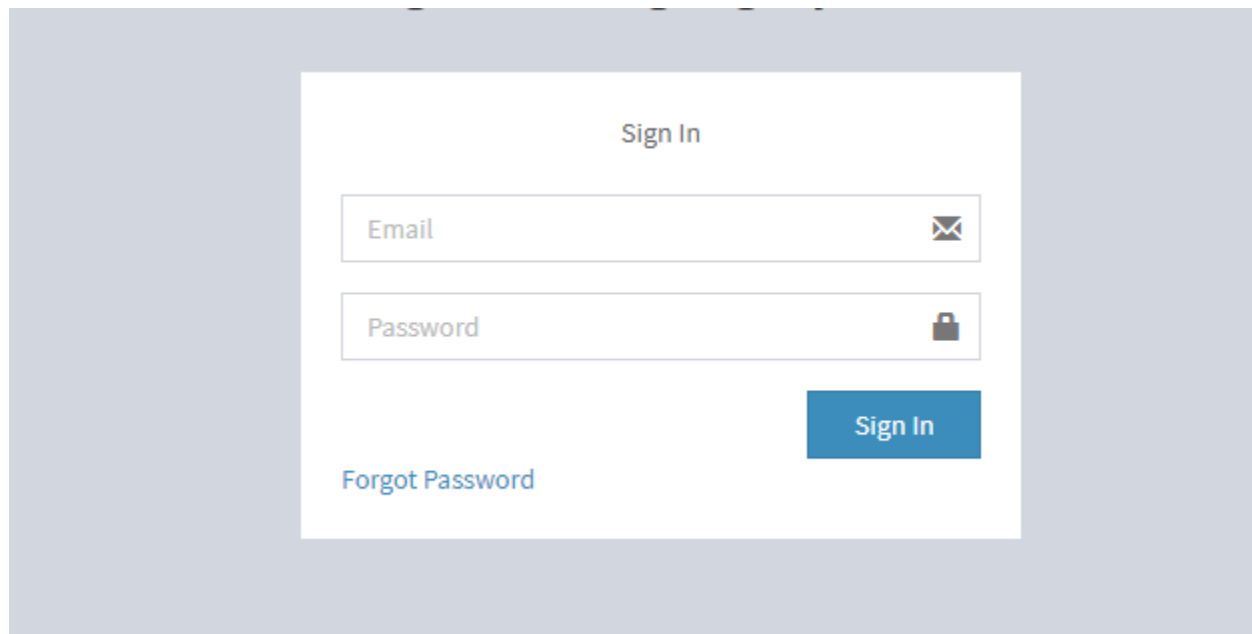
- The system can send messages to customers.
- The user can generate Reports.
- Staff management.
- Food Management.

External Interfaces:

External interfaces are used by the users who manages the overall activity of the system.

Login:

Login page for the user.



Sign In

Email

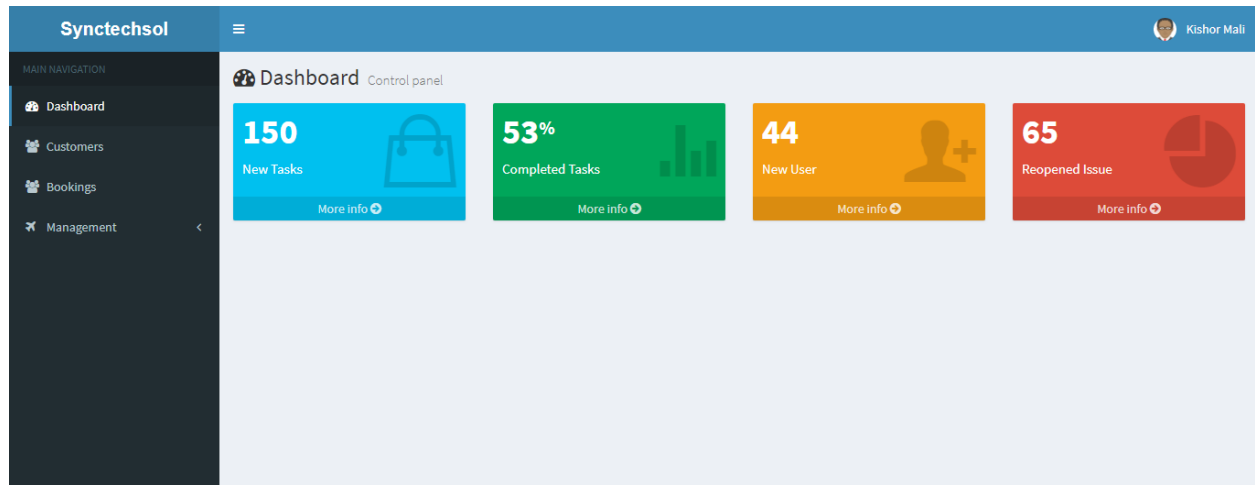
Password

Sign In

[Forgot Password](#)

Dashboard:

User can view the summarized details.



Manage Details:

User can manage all the details regarding Floors, and Rooms.

The 'Floors Management' page includes a '+ Add New Floor' button and a 'Floors List' table with a search bar. The table contains the following data:

Id	Floor Code	Floor Name	Description	Actions
1	GROUND	Ground Floor	Ground Floor having 6 precious rooms and 2 toilet bathrooms.	
2	FIRST	First Floor	First Floor having 20 Deluxe Single Bed Rooms, 4 Toilets, 4 Bathrooms in each corner in common.	
3	SECOND	Second Floor	Second Floor having 10 double bed rooms with 4 Toilets and 4 Bathrooms in each corner in common.	

Requirements

Software Requirements:

- HTML
- CSS
- JavaScript
- Bootstrap
- CodeIgniter
- 3rd party tools

Database

MySQL (open source Relational database management system.)

Conclusion

The system will automate many of the manual procedures that are being used by management, front desk, and room services at the Hotel. The system's rich functionality will best satisfy the needs of a small and medium size hotels.