Hotel Management System

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The project, Hotel Management System is a website that allows the hotel manager to handle all hotel activities online. Interactive UI and the ability to manage various hotel bookings and rooms make this system very flexible and convenient. The hotel manager is a very busy person and does not have the time to sit and manage the entire activities manually on paper. This application gives him the power and flexibility to manage the entire system from a single online system. Hotel management project provides room booking, staff management and other necessary hotel management features. The system allows the manager to post available rooms in the system. Customers can view and book room online. Admin has the power of either approving or disapproving the customer's booking request. Other hotel services can also be viewed by the customers and can book them too. The system is hence useful for both customers and managers to portable manage the hotel activities.
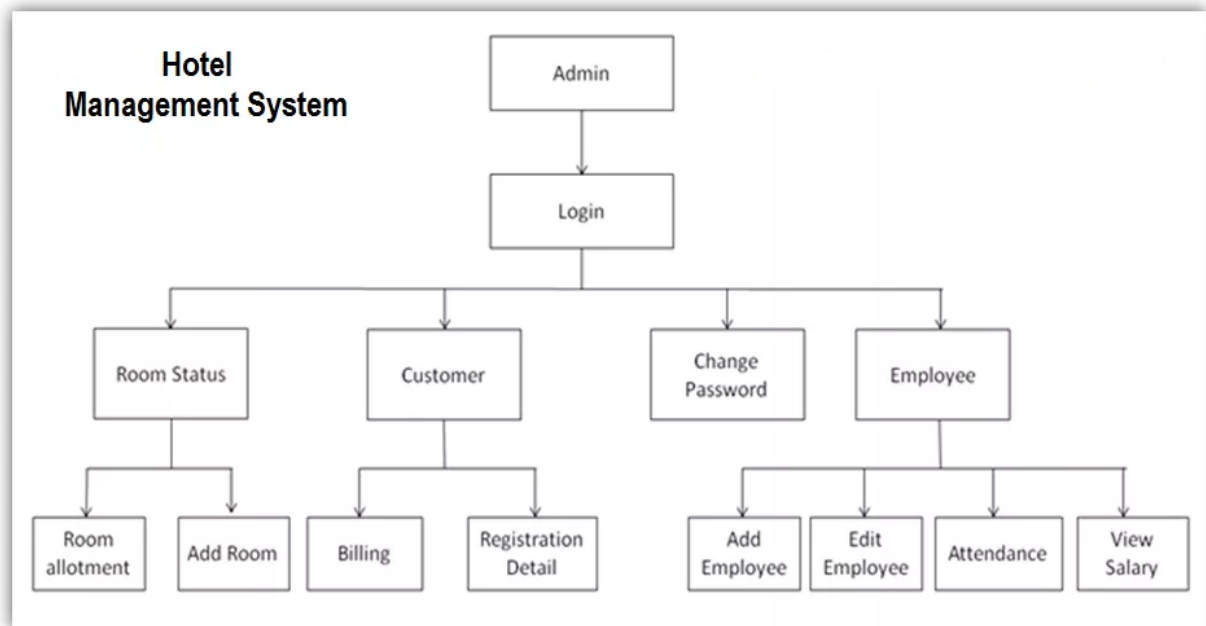
Admin Module

In this module admin controls the whole project. This contains sub modules such as Admin login module, employee module, customer module and room status module. Administrator has an authority to handle the front end and also the back end process of the system.4

User Module

In this module user can view the information of the website and he/she can also register for lodging in advance with fully advance payment. User has to login into the system for the registration. User can view only the front end of the website. This contains sub modules like information module, login module, contact module, registration module and reservation module.

Room Booking

This page takes the customer to the login page for reservation. If Customer is a new user the he must register at first and then he can login with his user name and password. After login several procedures like, entering the details in reservation page for booking is to be done.
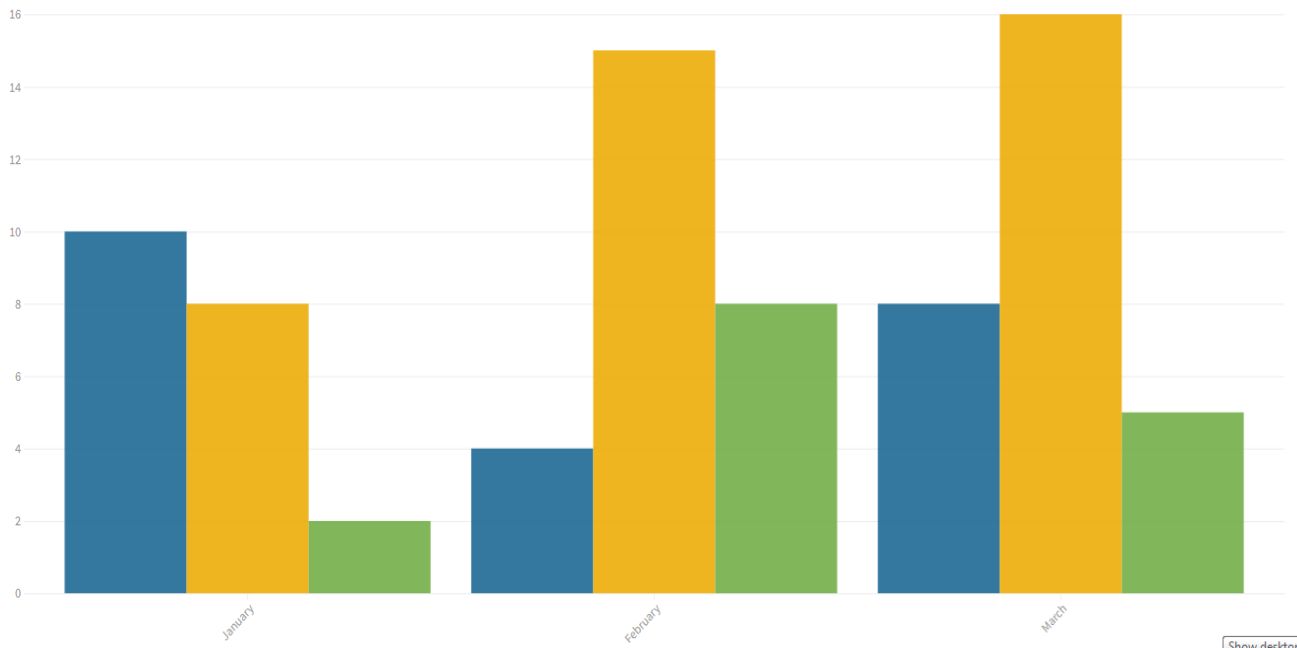
Hardware and software Requirements

- Browser (chrome,Safari,Monzilla etc.)
- Machine & Operating System
- Ram (20MB free ram to render)

Work Load Distribution

1. Vivek Kumar Sahoo(11918241):-Creating and managing of Employees details of the hotels such as add and edit employees, salary of employees and attendance of employees.

2. Kirti Gaurav Mishra(11905578):-Creating customer section which contains sub sections of customer bills and registration details of the customer and changing the password if required by the admin.

3. Rohan Shahani(11906399):-Creating graphics and webpage designing for the entire project.

4. Yash Shedpure(11904152):- Creating admin page containing login essentials and making room status for the customer having section of room allotment and add room corner.

Legend: ■ Template Design ■ Front-end Dev ■ Code Optimization

Month	Template Design	Front-end Dev	Code Optimization
January	10	8	2
February	4	15	8
March	8	16	5

Show desktop