

→ Hotel Management System:-

Problem Statement:- They require efficient management to handle daily operations, such as which involve managing reservations, customer service availability of room, arranging the staff, scheduling the work, over room booking, delayed checkout, proper management of billings proper management in parking.

Goal is to develop some required operations are:-

- Customer Management
- Billing and Payment
- Room bookings
- Highly automated parking management
- Food management.

Super:-

- Reservation Management:- Handle booking reservation, cancellation & modifications.
- Staff Management:- Proper training to the staff & handle & maintain them.
- Room Management:- Managing room availability & maintenance & pricing.
- Billing & Payment processing:- Handle invoice payments & manage transactions.

Functional Requirements:-

- User Management:- Create, delete & update accounts
 - Role based access for different type of user (Manager)
- Reservation Management:- Create, delete & modify reservations
 - Send mails to the booking guests.

- Billing & Payments:- Generate Invoice of guests, manage payment
- Check in / check out or time management.

Non - Functional Requirements

- Performance:- The system should handle multiple users at the same time without any degradation in its efficiency.
- Availability:- System should be available to all customers even for crowded at the same time.
- Security:- It should validate customers data & keep secure from any threats & scans & safeguard the user information.
- Backup & recovery:- The system should have backup & recovery of user data when the system should crash.

Domain Requirements

Booking Policies:- Management should implement the policies for the user booking, check in / check out & for other services that include booking.

