

24/9/24

LAB-1

Generating SRS

1) * Hotel Management System

→ Problem Statement: Develop a Software application for Hotel Rooms and Services management, services like booking, complaint, food ordering etc.

→ Requirements

→ Functional Requirements

(i) User Registration

- User should be able to register or login through the application

(ii) Different Categories of Rooms Booking

- Customers can view and explore different types of Rooms, with different facilities
- They will get booking details and cancellation option after successful booking.

(iii) Food Ordering

- Customers can view food section on application and order with no delivery charges.
- Fresh fruits & vegetables also can be ordered.

(iv) Party Hall / Sports Hall Booking

- Customers can view Special Halls and Book different time slots

(v) Complaint Section

- Customers can go to Complaint Section and fill the form & talk to customer service to solve problems in terms of services.

(vi) Premium Subscription

- Customers can take our premium subscription which gives features of advance booking, cab services, all hotels subscription priority.

(vii) Map of Hotel

- users can view map of hotel and explore different areas, halls & rooms using it.

Non-Functional Requirements

(i) Performance

- The performance of application should be upto the level for smooth customer experience.

(ii) Security

- Secure authentication & payment gateway
- User data should be protected

(iii) Reliability

- The Application should be reliable and available to access various service of booking 24x7 all time

(iv) Scalability

- The Application should be Scalable as per number of users or if more hotels & services come in future.

(v) Other Requirements

- Customer ID verification
- Multiple language support as per requirement
- Third-party services management
- Government rules and laws compliance

1/10

6. Design Constraints

6.1 Proper display of constraints required for room booking

6.2 Capable to handle simulation 1000 users

7. Preliminary Schedule and Budget

7.1 Controlled Spending and Organizing budget for Software, hotel management.

7.2 Software Completion in a previously given time schedule