Generate Software Requirement Specification

(i) Hotel Management System:
↳ Problem statement

Hotel Management needs effective customer service, Hospitality is the main requirement, But this system takes accommodation services, car parking services, event management etc. This leads to complexity in multitasking.

↳ Scope:

This system includes booking and managing rooms for guests, managing table booking orders, car parking services, booking for event halls and managing room services for the guests, Reports that include all these details along with availability of slots.

↳ Functional Requirements:

(i) Restaurant Management : It should allow customers to reserve tables online or through reception. support the kitchen with orders and online food orders.

(ii) Room booking and Reservation : customer needs to check available rooms by date and room type. Also cancel or modify their reservations.

(iii) Event Management : Customers can book event halls & managers need packages, pricing and available services.

(iv) Parking services : Managing parking for guests of both restaurant and hotel.

(v) Billing and Payments : Should take payments using all UPI, card and Cash.

↳ Non-functional Requirements:

(i) Performance : should handle upto 100 or more concurrent users and response time should be fast.

(2) Usability : Should have user friendly interface.

(3) Reliability

(4) Security : Payments and customers data needs to be secured.

(5) Scability

(6) Maintainability

⤷ Domain Requirements

The requirements would be to ensure essential data managment.

and detect fake bookings and reservations

(2) Credit Card Processing System

⤷ Problem Statment

A lot of business face challenges to ensure secure and efficient processing of credit card transactions leading to delays, errors and customer dissapointment. Hence the need for a credit card processing system is essential to enhance transaction speed and security.

⤷ Scope

The project focuses of developing a credit card processing system that handles online and in-store transactions, authorisation, security.

⤷ Functional requirements

∘ Transaction Processing ⟶ Authoriss and capture

∘ User Authentication ⟶ Secure and safe manner

∘ Reporting ⟶ Allow people to process refunds and refund