SRS - For Hotel management System

1. Problem Statement :- The hospitality industry demands efficient management of hotel operations to enhance customer operations. Current hotel operations suffer from in-efficiencies due to lack of integration across services like accomodation, dining, events and parking.

2. Scope

The HMS will manage :-

- Room booking and reservation
- Restaurant reservations and orders
- Event management (weddings, confe -rences
- Parking services

The system will be used by hotel staff and customers, generating reports on occupancy

3. Functional requirements

- Room Booking : search availability, prevent double bookings, manage reservations.

- Restaurant Management : Reserve tables, order food and manage occupancy and orders.

Event Management: Bob

Room-Management: Track room availab...

Billing and invoicing: Generate invoi... for guests and manage payment.

NON- Functional Requirement:

→ performace . System should suppo... up 500 simultaeneous users with response times under 2

- Security: implement user authenticati...
- Scalability
- usability
- Reliability

Domain - Requirements:

• Compliance: Adhere to data protection regulation.

• Integration: Compatible with 3rd party services like payment gatewa-ys