

LAB 1SRS document for Hotel Management System.1. INTRODUCTION:

- 1.1 Purpose of the requirements document: To specify the requirements to develop an efficient Hotel Management system.
- 1.2 Scope of the product: Users are allowed to check in to the Hotel only at 12pm and checkout by 2pm. Prior booking of Party hall is required. Customers below the age of 18 are not permitted to book a room unless accompanied by an adult.
- 1.3 ~~Def~~ Definitions, acronyms and abbreviations
 - AC Rooms: Air conditioned Rooms
 - Non AC Rooms: Non Air conditioned Rooms.
 - DND: Do not Disturbed.
- 1.4 References: Taj Hotel and JW Marriott
- 1.5 Overview: Detailed information about the requirements and general booking procedures.

2. General Description:2.1 Product Perspective:

Hotel Staff Perspective: Details about the residing and past customers of the hotel; Details of allocated and available rooms, staff Roster and working hours, monitor CCTV Surveillance, Party hall booking details, Parking details, Restaurant details.

Hotel Guest perspective: Room availability and booking details, Hotel amenities, party hall details, Hotel Restaurant details.

2.2 Product functions:

Room booking system, party hall reservation system, valet parking, Restaurant access, security system, hotel maintenance, amenities (gym, swimming pool, Game room, spa), pet friendly

2.3 User characteristics:

Users are

1. Guests of the hotel must be above the age of 18.
2. Users also staff and managers of the hotel.

2.4 Customer General Constraints:

1. Guests have to be above the age of 18 to book the hotel rooms.
2. Guests can only check in at 12pm.
3. Online booking requires advance payments.
4. Customers must carry ID proof.

2.5 Assumptions and Dependencies:

1. Guest will maintain decorum at all times.
2. Children will always be accompanied by a legal parent/guardian.
3. Guests with pets will ensure their pets are leashed at all times.
4. Restaurant is open to public and hotel customers.

3. Specific Requirements:

a. Functional Requirements: Room Booking system, Party hall booking, security system, Hotel Restaurants facilities.

b. Non functional Requirements: Online booking must have advance payments, party hall booking must be done at least one week in advance, pet services, EV charging station, confidentiality of customer informations, ease and performance friendly booking of hotel rooms and other amenities.

c. Domain Requirements: Users Interface, Payment gateway, Inventory management for the hotel, customer feedback and reviews.

4. Appendices

5. Index

