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LAB 1

a. SRS document for Hotel management system

1. INTRODUCTION:

1.1 Purpose of requirements document: To ~~develop a~~ ~~specify~~ develop a efficient Hotel management System.

1.2 Scope of the product: Users are allowed to check in to the hotel only at 12 noon and checkout at 2pm. Prior booking of party hall is required. Users below the age of 18 are not permitted to book a room unless accompained by an adult.

1.3. Definations, acronyms and abbreviations:
- VAC: vacant
- AC: air-conditioner
- OCC: occupied
- DND: do not disturb

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 guests of the hotel, details of allocated and available rooms, staff roles 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, resturant details.

2.2 Product functions: room booking, party hall booking, valet parking, restaurant access, security system, hotel maintenance, amenities: gym, swimming pool, game room, spa., pet friendly.

2.3. User characteristics:
- guests of the hotel are above age of 18
- & users are also staff and managers of the hotel.

2.4 General characteristics:
- customers have to be above the age of 18 to book the hotel rooms
- guests can check in only at 12 noon
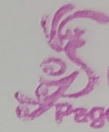- online booking requires advance payments
- guests must carry ID proof

2.5 Assumptions and Dependencies:
- children are accompanied by parent/gaurdian
- guests will maintain dicorum at all times
- pets are leashed at all times
- resturent is open to public and hotel guests

3. Specific requirements:
a. Functional requirements: room booking system, party hall booking, security system, hotel resturant facilities.
b. Non functional requirements: online booking must have advance payments, party hall booking must be done at least one week in advance, pets services and EV charging station, confidentiality of customer information, care and

performance friendly booking of hotel room and other amenities.

c. Domain requirements: user interface, payment gateway, inventory management for the hotel, guest feedback and reviews.

5. Appendices

6. Index

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