23/9/24

LAB-01

Generating SRs Documents

1) Hotel Management System

1 Introduction.

1.1 Purpose of this document: Aim of this document is to outline services provided by hotel management system

1.2 Scope of this document: In this, hotel reservations, housekeeping, billing, customer service

1.3 Overview: System is used to provide a centralized platform to manage all the hotel operations efficiently.

2. General Description: System allows staff and customers to interact through user-friendly interfaces.

3. Functional Requirements:
• Room reservations: allows users to book rooms
• Check in and out: allows and controls check in and out
• House keeping: assigns and manages housekeeping

4. Interface Requirements: software interfaces are
• User interface: web based dashboard
- system interface: system integrates third party payment gateways and tools

5. Performance requirement:

· system should be able to handle upto 500 concurrent us
· System should respond to user actions with 2 se

6. Design constraints: It should be compatible with windows and linux platforms

7. Non Functional requirement Attributes.

· Security : should have secure payment gate payment gateway

· Portability : should work across multiple devices

- Scalability : must scale to manage 1,000 rooms in a hotel

8. Preliminary schedule and budget :
Development might take upto 11 months with estimated budget $160,000

Activity	Time	Cost
Requirement	1 month	$10,000
Design	2 months	$20,000
Development	5 months	$100,000
testing	3 months	$30,000