

Hotel Management System

5/4/24

Lab 1

Hotel Management System

Problem Statement: ~~The~~ user should be able to make and cancel reservations online. Customers should be able to see the images, of the room, reviews and know about the exact location.

SRS

1. Introduction

- 1.1 Purpose of document: The main purpose is to provide a view of how the system flows and the user's expectation.
 - 1.2 Scope: The users can access the website and can also consider on exploring further tourism.
 - 1.3 Definition: It can be used for reservation, availability and for viewing images of the hotel rooms.
2. General description: It caters to the need of guests. It can include features such as reservation and billing.
- Reservation: It allows guests to make reservations efficiently.
 - Guest services: Provides check in and check out, room services.
 - Billing: It generates invoices, process payments.

3. Functional Requirements

- To manage the availability of rooms
- Allows guests to make online reservation
- To generate and process payments

4. Interface requirements:

- Intuitive looking interface
- Integration with the payment gateway

5. Performing requirements:

- The system should be reliable
- Should handle high traffic
- Response time should be minimal.

6. Design constraints:

- System should comply with industry standards
- Should be compatible with current soft and hardware.

7. Non functional attribute

- Security
- Scalability
- Portability
- Reliability

8. Preliminary schedule and budget

- Development timeline: 6 months
- Estimated budget: ₹100000