

Hotel Management system:

Problem statement:

A hotel management software helps to manage various services such as accommodation, reservations, room service and improving guest experience.

SRS

Introduction

- 1.1 Ensure clear and effective hotel management by defining functional and non functional requirements.
- 1.2 Development time depends on how complex the management system is and try to run the hotel as smooth as possible.
- 1.3 The SRS contains functional and non functional requirements, general requirements, interface and performance requirements.

General description

Hotel functions as smooth as possible and the hotel employees effectively manage various tasks and provides excellent support for the customers.

Features includes: accommodation, reservations, billing, guest experiences etc. User community includes guests, hotel staff, s/w professionals for maintaining the system.

3.

Functional requirements :-

1. Reservations could be made easily.
2. Accommodation facilities should be flexible.
3. Good service and security.
4. Integrating with other hotel systems and services.

4.

Interface requirements:

1. Easily accessible by the guests by making booking facilities available across multiple platforms.
2. Integrating with multiple payment gateways and making payment more easier and secure.

5.

Performance requirement:

1. Security: Information must be confidential.
2. Scalability: system must respond quickly and should be able to handle traffic.
3. Handle many transactions.

Design Constraints:

6.

1. security: Must adhere to security regulations and protect guests data.

2.

Time constraints: cannot take several years to develop and implement.

3.

Software limitation: Database storage and amount of data that can be processed.

7.

Non functional attributes:

1.

• security: Data must be confidential.

2.

Portability: Has to work on different platforms like laptops, mobiles etc.

3.

Has to be compactible with new additions and should be able to adapt to the changes.

8.

Preliminary schedule & budget:

1.

Planning: 14 days

2.

Development phase: 6 months

3.

Testing: 1 month

4.

Hardware: \$10,000 - \$30,000

5.

Training: \$20,000

6.

Personnel: \$40,000