

1) SRS for hotel management system

Problem statement

A system that automates & manages the operations of hotel including check-in / check-out processes, billing and housekeeping

Scope

The scope of this system covers front-desk operations, housekeeping, room service management & also provides customer-facing features such as online reservation

Functional Requirements

1) User management

Registering of new guests, staffs and admins

2) Room management

Should provide a view of all rooms and their status & prices

should allow the user to book / reserve a room acc to their preference

3) Payment processing

Should securely capture the card info & process the payments

through integrated payment gateways

4) check in / check out
Should track the people who are checked-in & checked-out accordingly. It should update the room availability.

5) Notification
System should send email notifications to users for room reservation, payment ~~confirm~~ confirmations.

Non functional

1) Product ?

* performance
System should support at least 100 concurrent users with less than 2 sec of response time.

* Usability
UI should be responsive, intuitive.

* Scalability
Should handle at least 100 customers without crashing down.

2) Organizational

- * Compliance -
System should adhere to local data protection regulations
- * Training → should be provided to staffs
- * Support → technical support should be given to users

3) Integration External

- * Integration
System should integrate with existing software & for payment processing and with existing database

- * Backup
Should provide data-backup to prevent data loss

Domain Req :

- 1) Comply with industrial standards
- 2) User specific industrial concept
- 3) should meet safety & security standards