① **SRS for hostel management System -**

Problem Statement

A System that automate & managey the Operations of hostel including Check-in, Check-out processes billing and housekeeping

Scope

The scope of this system Covers front-desk Operation hotel in housekeeping room Service Management ②. It also prevents Customer-facing features Such as Online reservation.

funcitional Requirement -

① User Management

Registering of new growth guests & Staff and admin.

② Room Management

Should provide a view of all room and their Status & price

Should allow the user to book reserve a room acc to their preferences

③ Payment processing

Should Securely Capture the Card info & process the payment through integrated payment gateways.

4 | Check in / Check out
Should track the people who are
Checked in s Checked out accordingly
Op should Update the room
availability.

5 | Notifications -
System should send email notification
to user for room reservations
payment Confirmations.

Non functional

1) Product

* performance
System should support atleast 100
Concurrent User with less than 2
sec of response time

* usability
UI should be Responsive intuitive

* Scalability
Should hande atleast 100 Customer
without changing Crashing down.

2) Organizational
* Compliance
System should adhere to local data
protection regulations.

* training - Should be provided to staff.

* Support - technical Support Should be given to users

* Integration
System Should integrate with existing Software for payment processing and with existing database.

* Backup
Should Provide data-backup to prevent data loss.

Domain Requirement

① Comply with industrial Standards

② User specific industrial Concept

③ Should meet Safety & Security Standards