# Book My Room (Group 18)

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Software Requirement Specification SRS

**Introduction:**

1. Purpose:- The Book My Room is Hotel booking web application which is created with the purpose of providing complete solutions for Hotel owners as well as customers through a single get- way using the internet.
2. Scope:- This system allows the customer's to book Hotel Rooms according to their requirements with affordable price by using internet. Hotel owners will be able to upload room details and specifications and the pricing.
3. Definitions:

SRS --> Software Requirement Specification

GUI---> Graphical User Interface

Portal--> Personalized Website

UML---> Software Engineering Notation for visualising System in the form diagrams

SSL---> Secure Socket Layer used for providing restricted access to application.

RDBMS --> Relational Database Management System.

CLUSTERS---> Group of independent servers.

4. Overview:

This System provides an easy solution to customer's to book Room without visiting the real venue site and also Hotel owners can provide their service efficiently over the internet with minimising the paperwork required and the human resources required.

5. Additional Information:

The system work on internet server, so it will be operated by any end user for the booking purpose with secure platform. This system protects the integrity of the Hotel owners and customers, provides easy booking cancellation , booking rooms with the comfort of your home.

6.

Non-Functional Requirements:

Following Non-Functional Requirements will be there in the

insurance to the internet:

(i) Secure access to consumer’s confidential data.

(ii) 24X7 availability.

(iii) Better component design to get better performance at peak

time.

(iv) Flexible service based architecture will be highly desirable for

future extension. Non-Functional Requirements define system

properties and constraints.

Various other Non-Functional Requirements are:

Security

Reliability

Maintainability

Portability

Extensibility

Reusability

Compatibility

Resource Utilization

7. Interface

Requirement:

Various interfaces for the product could be

1). Login Page

2). Registration Form

3). Home page displaying the hotels available

Hotels that the currently open for booking.

4). Customer can browse and select hotel rooms as per requirement

5). After booking for the venue ,the system will send the booking details to customer along which user need to present on the premises.

6) Hotel owners can add hotels, description, services provided, amenities and types of rooms.

7)Hotel owners can check how many rooms are booked and get the customer information

8)Hotel owners can modify the hotel description.

9) Admin can cancel a booking, delete a customer , remove hotels, as well as handle user queries

10)Logout after logout the users will be redirected to Login page.

8.Software Interface:

Ecllipse, Visual Studio Code, Mysql

9.Hardware Interface:

Hardware requirements for insurance on internet will be same for both parties

which are as follows:

Processor:Dual Core

RAM:2 GB

Hard Disk:250 GB

NIC:For each party

10. Technology Used

Front End:- Angular, bootstrap, html, css , javascript.

Api :-Spring Boot

Backend :- Mysql.

Cloud Services:- AWS.