

# **Software Requirements Specification**

**for  
<Online Hotel Room Booking System>**

**Version 1.0 approved**

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## **1)Introduction:**

### **1)Purpose:**

As this is the technological era, so we need to update ourselves with the time. The online hotel room booking system is going to help the visitors came from another city / country to find out this comfortable hotel. System is going to be built for hotel, its not for generic purpose. So, the user will be able to find and see hotel rooms available. The hotel management can also advertise it easily.

### **2)Document Conventions:**

This document covers the requirements of the project. The priority of requirements are as individual. That means each requirement has his own priority.

### **3)Intended Audience and Reading Suggestions:**

The customers, developers, project managers and testers are the target audience of this document. The developers should read the document thoroughly so that they will have a clear view about the project. The customers should focus on functional and non-functional requirements so they will have idea of project and will not be shocked when product is deployed.

### **4)Product Scope:**

By using online system for room booking, it will save a lot of customer's time and energy. And the hotel management can advertise hotel easily by it. As the users can give and read feedback and can also see the pictures of room before booking.

### **5)References:**

You can refer to **project plan document** for further clarity about the project.

## **2)Overall Description**

### **1)Product Perspective:**

This project is the replacement of finding best hotel by wasting time and energy. By this project, user can access our hotel info.

### **2)Product Functions:**

The product is an application in which the user can access our hotel's information through pictures and customer's feedbacks.

### **3)User Classes and Characteristics:**

### **4)Operating Environment:**

The product will be able to be used smoothly in the

1) system  $\geq$  5<sup>th</sup> generation

2) system  $\geq$  core i5

## **5) Design and Implementation Constraints:**

There is hardware limitations in the product. It will be used smoothly in the system whose specifications matched with the specifications mentioned above.

## **6) User Documentation:**

The product is self explanatory and easy to use for the people who are familiar with other applications.

## **7) Assumptions and Dependencies:**

We are going to develop the project from scratch, so we will try our best to meet the requirements in the specified time and budget.

## **3) External Interface Requirements:**

### **1) User interfaces:**

As we mentioned the software is self explanatory. The interface is friendly that the errors will help the user to locate his dumbness.

### **2) Hardware interfaces:**

The product will be smooth in the system specified above.

### **3) Software interfaces:**

### **4) Communication interfaces:**

To use this product, the user will be required to fill the form in application. In the form he has to write his required data. Then he will be able to use the app.

## **4) System Features:**

### **1) Sign up:**

#### **1) Description and Priority:**

This is a high priority feature as the user will then be able to login and use the app.

#### **2) Stimulus/Response Sequences:**

The user will click on sign up and then page will be displayed and then user will be required to enter required data. And then he will move further.

#### **3) Functional Requirements:**

If the user fails to enter required data, he would not be able to move forward with the application.

## **2) Login:**

### **1) Description and Priority:**

This is a high priority feature as the user will then be able to use the app.

### **2) Stimulus/Response Sequences:**

The user will click on login and then "Homepage" will be displayed and then user will be able to use the application.

### **3) Functional Requirements:**

If the user fails to enter username and password correctly, he would not be able to move forward with the application.

## **3) View Rooms:**

### **1) Description and Priority:**

This is a high priority feature as the user will then decide to come to hotel or not.

### **2) Stimulus/Response Sequences:**

The user will click on rooms and then "Rooms Page" along with the photos and feedbacks will be displayed.

### **3) Functional Requirements:**

If the user fails to enter username and password correctly, he would not be able to move forward with the application.

## **4) Give Feedback:**

### **1) Description and Priority:**

This is an intermediate priority feature as the user should be able to describe his stay he experienced at the hotel. But if he does not want to give any feedback then there is no issue.

### **2) Stimulus/Response Sequences:**

The user will click on "Feedback" and then "Give Feedback page" will be displayed. Then the user will write his experience and then click on "submit" to submit his feedback.

### **3) Functional Requirements:**

If the user does not want to give his feedback then there will be no issue.

## **5) Other Nonfunctional Requirements**

### **1) Performance Requirements:**

The photos should be display in HD ( 720p or 1080p ) quality.  
The performance of app should be smooth.

### **2) Safety Requirements:**

The design of product should be user friendly and according to the standards of HCI ( Human Computer Interaction ).

### **3) Security Requirements:**

The product should be secured by hacking or anonymous / unauthorized feedbacks.

### **4) Software Quality Attributes:**

The product should be available 24/7. It should be user friendly and should fail softly.

### **5) Business Rules:**

The user must be able to only view feedback list until he stay at the hotel.

## **6) Other Requirements**

NULL