

# ABC HOTEL MANAGEMENT SYSTEM

**Introduction**

The Hotel Management System is a tool for booking the rooms of Hotel through online by the Customer. It provides the proper management tools and easy access to the customer information.

**Project Name**

ABC HOTEL MANAGEMENT SYSTEM

**Team Name**

Goaldiggers

**Date**

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**Team Members**

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**Stakeholders/Company - Honor Code**

<https://drive.google.com/file/d/0B0rFGGhJvbDHUExSZmFFaWFmb00/view>

## Purpose

This Hotel Management System Software Requirement Documentation main objective is to provide a base for the foundation of the project. It gives a comprehensive view of how the system is supposed to work and what is to be expected by the end users.

This document for Hotel Management System can also be used for future as basis for detailed understanding on how project was started. It contains all the details for upcoming new developers and maintenance teams to assist in maintaining and modifying this project as per required changeability.

## Document Conventions

## Intended Audience

Customers

## Definitions/Jargon

SRD	Software Requirement Documentation
HMS	Hotel Management System
DBMS	Database Management System
Blueprint	A design technical plan
JDBC	Java Database Connectivity
HTTP/HTTPS	Hyper Text Transfer Protocol/Secur
API	Application Interface
OS	Operating System
JSP	Java Server Pag

## Project Scope

The HMS project is intended for the reservations for room that can be made through online. It will be able to automate the various operations of the Hotel. Hotel Management System. It will consist of Booking Management System, DBMS Server, and Report Generator. Customers will be able to check for room's availability, select the rooms, and pay for the room. The main goal of this introduced automated HMS software is to simplify everyday process of hotel. It will be able to take care of services to customer in a quick manner. This automation will be able to replace the drawbacks of large customer information physical files which were difficult to handle. The development team will be working on to achieve end user satisfaction.

## **Technical Challenges**

To get connected with database

## **References**

## **2. Overall Description**

### **Product Features**

Customer Registration

Log in

Check for Availability of Rooms

Reservation

### **User Characteristics**

Customers

Customers have access to view the vacant room information and price range.

They should be able to confirm the booking and cancel it if necessary. Customer should at least be capable to use the web UI.

### **Operating Environment**

### **Design and Implementation Constraints**

**Memory:** System will have only 10GB space of data server.

**Language Requirement:** Software must be only in English.

**Implementation Constraint:** Application should be based on Java only.

**Reliability Requirements:** System should sync frequently to backup server in order to avoid the data loss during failure, so it can be recovered.

### **Assumptions and Dependencies**

It is assumed that system developed will work perfectly that's going to be developed under the Windows OS, and Apache Server with Mongo DB database. If incase of any difficulties, it should be flexible enough to change accordingly.

## **3. Functional Requirements**

## **Primary**

### **Reservation**

The system should enable customer to check for availability of rooms

The system should display rate for all rooms

The system should allow customer to confirm the booking

The system should record following booking details into database

Name

Address

Phone No

Check In

Check Out

## **Secondary**

### **Registration**

The Customer should be able to register with their details

The system should record following customer details into member database.

First Name

Last Name

Address

Phone No

Email

Username

Password

Confirm Password

## **Logging In**

The system should verify the customer email & password against the member database when logging in

After login, member should be directed to Home screen

## **4 Technical Requirements**

### **Operating Systems/Compatibility**

Windows

## **Interface Requirements**

### **User Interface**

The user interface for system shall be compatible to any type of web browser such as Mozilla Firefox, Google Chrome, and Internet Explorer.

### **Hardware Interface**

Monitor

RAM

Processor

Disk Space

### **Software Interface**

Operating System (Windows)

Java

MySQL

### **Communications Interface**

The System shall be using HTTP/HTTPS for communication over Internet for communications, it shall use TCP/IP protocol.