

# **HOTEL MANAGEMENT SYSTEM**

A Project Report

Submitted in partial fulfillment of the  
Requirements for the award of the Degree of

**BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)**

**By**

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**JAI HIND COLLEGE**  
*(Autonomous)*  
**MUMBAI, 400020**  
**MAHARASHTRA**  
**2020-23**

# JAI HIND COLLEGE

(Autonomous)

MUMBAI, 400020 MAHARASHTRA

## DEPARTMENT OF INFORMATION TECHNOLOGY



### CERTIFICATE

This is to certify that the project entitled, "**Hotel Management System**", is bonafied work of **FIZA SHAMSHUDDIN SHAIKH** bearing UID / Roll No.:**(20BIT055)** submitted in partial fulfilment of the requirements for the award of degree of BACHELOR OF SCIENCE in INFORMATION TECHNOLOGY from Jai Hind College Autonomous (University of Mumbai).

**Internal Guide**

**Coordinator**

**External Examiner**

**Date:**

**College Seal**

## **DECLARATION**

I hereby declare that the project entitled, “Hotel Management System” done at Jai Hind College, has not been in any case duplicated to submit to any other university for the award of any degree. To the best of my knowledge other than me, no one has submitted to any other university.

The project is done in partial fulfillment of the requirements for the award of degree of BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY) to be submitted as final semester project as part of our curriculum.

**Name and Signature of the Student**

## **ACKNOWLEDGEMENT**

I would like to express my thanks to the people who have helped me most throughout my project. I am grateful to my Prof. Mrs. Bertilla Fernandes for nonstop support for the project. I can't say thank you enough for her tremendous support and help.

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At last, but not the least I want to thank all of my friends who helped/treasured me out in completing the project, where they all exchanged their own interesting ideas, thoughts and made this possible to complete my project with all accurate information. I wish to thank my parents for their personal support or attention who inspired/encouraged me to go my own way.

## **ABSTRACT**

The aim of an automated hotel management system is to handle all aspects of the hotel's information and booking system. This application attempted to cover all operations that occur in residential hotels. It is all identified, from employee management to booking, floors, offices, and room type management, among other things. We sought to demonstrate how data/information is processed in hotels in our project, automated Hotel Management System. The hotel management overview was achieved by splitting the project into different modules. Customers are offered various facilities such as check-in, checkout, and entry editing, as well as advance payments. It is also possible to inquire about available spaces. It will produce reports for customers, employees (who work in the hotel), and a bill for the customer when the customer checks out. I've only included a few modules because my aim is to get an idea or learn more about how hotels are managed. With the addition of several more components, this type of project may be used in a variety of hotels. The efficiency of any hotel is determined by the method used to obtain and prevent information from customers' personal data for use in the hotel's various services. It has been a complex and difficult operation to manage their outcome revealed, particularly when information flow is consistent.

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# **1. INTRODUCTION**

## **1.1 BACKGROUND**

The manual method of booking for hotel rooms is characterized with numerous problems. Some of these are :customers having little or no information about the hotels within their vicinity; A guest checking into a hotel room that is either too expensive or too unbefitting for his/her personality; Prolonged delay by the receptionist in retrieving certain information about any particular guest that checked into the hotel whenever such information being demanded by the manager; The foul play that sometimes occurs when information about the guest that checked into a hotel are not officially documented by the receptionist etc. All these problems and more would definitely make a hotel experience a down turn in business. This tool shall help the user to make reservation for hotels online. The user can check the availability of the rooms. The tool provides an option to input start and end dates of the booking. It also takes input such as the number of guests. Depending on the availability of the rooms the user can book the room. The user also has an option to update the reservation details. The user can view the room rates. He can check for different amenities provided by the hotel. The user can also know more about the hotel and its address. Also, gallery provides pictures of different type of accommodations. This would ease the customer to book rooms. The tool has an option to make payments online. The Interface is simple which uses latest web technologies. It's well secure for payments

## **1.2 OBJECTIVES**

Most hotel Software systems are sales-revenue-oriented rather than cost-control-oriented and are based on reservation, registration, and guest accounting needs of the property. Therefore, the main objectives of their system include:

- Optimum utilization of technology to automate various hotel processes.
- Inducing simplicity to ensure that people are attracted and understand the related technology with ease not annoyance.
- To apply real time application for all functional areas and easy to configure interfaces to time and cost saving technologies
- To keep real time records of all activities including accounting
- System should support multi-user environment.
- System should be fully automated and various outputs (reports) should be available online any time.
- System should be capable to keep track of all the detailed descriptions of the client and the whole details of services offered by the client organization.
- To manage large volumes of data with a view to acquire timely and accurate information

## **1.3 PURPOSE, SCOPE and APPLICABILITY**

### **1.3.1 Purpose**

The main purpose of this work is to develop a web application program that would circumvent all those problems encountered in the manual hotel booking system, so that customers can easily go online with their mobile phones, tablets or laptops in order to browse the relevant information they need about the hotels within their locality so that they can book for the appropriate suite that is within their budget. Also to create a booking management system, which will have features such as highlighting booked rooms, searching certain rooms and filters allowing for staff to book available rooms in a simplified manner while providing a foundation for expandability with easy to read code where another programmer can implement additional features.

### **1.3.2 Scope**

This study is aimed at finding out how effective the online room reservation or booking system will improve the operations of room reservations in hotels. However, out of the several departments that makes up the hotel, this research project is restricted to only one section (room reservation) section.

### **1.3.3 Applicability**

This system is designed for those who want to book rooms without going manually to the hotel. Guests, Receptionist, Managers and hotel owners would benefit immensely when the new system is implemented.

## **1.4 Achievements**

The project was successful in meeting all the requirements and fulfilling all the requirements that the solution demanded. The user can navigate across the website with ease due to the simple user interface. The objectives are met successfully as it eliminates the need for manual work in order to book hotel rooms and manage it.

## **1.5 ORGANIZATION OF REPORT**

### **1.5.1 Requirement and Analysis**

As we know, nowadays people are opting for online mode for daily necessities because of busy schedule.

- So, in this busy world, people tend to make time staying at home doing online booking. Thus, we need such systems which will provide good online facilities to book rooms
- Customers having little or no information about the hotels in their vicinity.
- A guest checking into a hotel room that is either too expensive or too unbefitting for his or her personality.
- Prolonged delay by the receptionist in retrieving certain information about any particular guest on demand.

### **1.5.2 System Design**

This shows us how our system actually works

- The system design is included in all conceptual schema diagrams which explains the inter-relation between the modules and their dependencies.
- Working, Features and Flow of the system is described in this part.

### **1.5.3 Implementation and Testing**

- Implementation process is described in this chapter.
- Describes which all testing approaches are going to take place in this project.

### **1.5.4 Results and Discussion**

- In the end, we get a full-fledged website.

### **1.5.5 Conclusion**

In the proposed system, this platform will provide an easy way to book online rooms using augmented reality. People can choose what room they want at any time from wherever they want. This system gives online payment options also along with credit based system.

## **2. SURVEY OF TECHNOLOGIES**

### **PHP:**

- PHP is an acronym for "PHP: Hypertext Preprocessor" PHP is a widely-used, open-source scripting language.
- PHP scripts are executed on the server. It is free to download and use.

### **XAMPP:**

- Xampp is an abbreviation for cross-platform, Apache, MySQL, PHP and Perl, and it allows me to build web site offline, on a local web server on your computer.
- This will be used to store the data of users and products of the website.

### **JavaScript:**

- I have used JavaScript to dynamically modify HTML and CSS to update a user interface by the Document Object Model API.

### **Jquery:**

- It will be used for event handling and to develop the website with supported frameworks.

### **HTML 5:**

- Hypertext Markup Language (HTML) is the set of markup symbols or codes inserted into a file intended for display on the Internet.
- I have used HTML (Hypertext Markup language) to structure the web-pages and its components.

### **CSS:**

- CSS (Cascading Style Sheets) is a style sheet language that is used to style the page.
- I used this language in my website to describe to how my components will be displayed on the webpage.

### **Bootstrap v5.0:**

- Bootstrap is a HTML, CSS and JS Library that spotlights on improving on the advancement of enlightening website pages (rather than web applications).
- The basic role of adding the CSS framework to my web project is to apply Bootstrap's decisions of shading, size, textual style and format to that undertaking.

## **3. REQUIREMENT AND ANALYSIS**

### **3.1 Problem Definition**

#### **3.1.1 Problem Statement**

- As we know, nowadays people are opting for online mode for daily necessities because of busy schedule.
- So, in this busy world, people tend to make time staying at home doing online booking. Thus, we need such systems which will provide good online facilities to book rooms.

#### **3.1.2 Existing System**

- Customers having little or no information about the hotels in their vicinity.
- A guest checking into a hotel room that is either too expensive or too unbefitting for his or her personality.
- Prolonged delay by the receptionist in retrieving certain information about any particular guest on demand.

#### **3.1.3 Proposed System**

- In the proposed system, this platform will provide an easy way to book online rooms using augmented reality.
- People can choose what room they want at any time from wherever they want.
- This system gives online payment options also along with credit based system.

## **3.2 Requirement Specification**

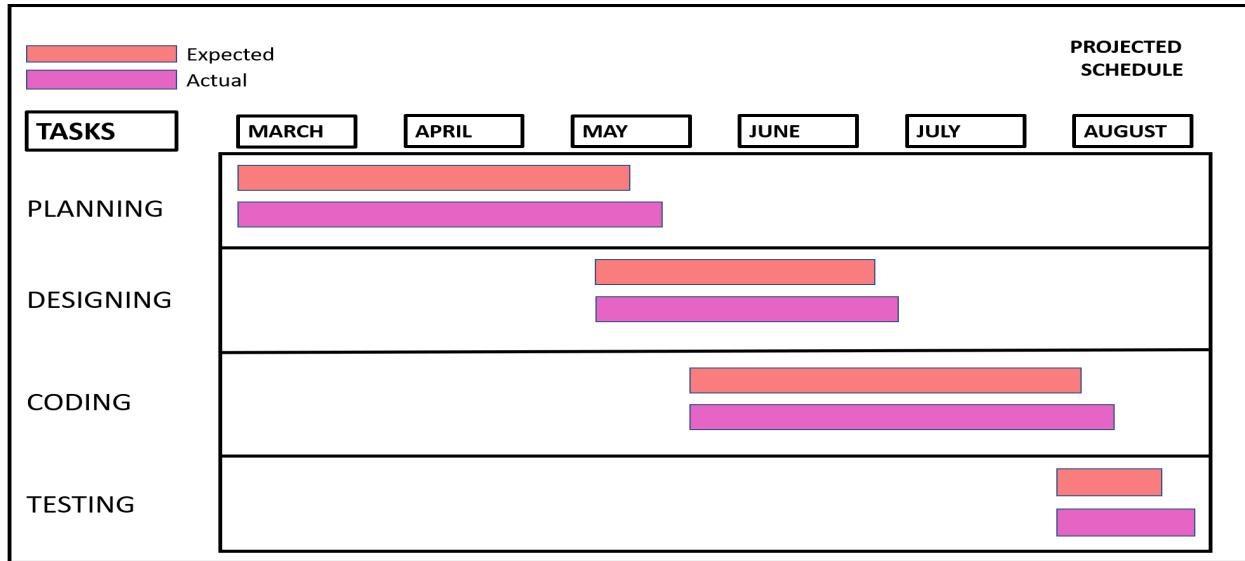
### **Functional Requirements:**

- For login process users the authentication is performed.
- Users need to give proper details for setting up their profile
- Searching for rooms is based on the user's preference.
- Users can update password according to their choices.
- They can download the online receipt.

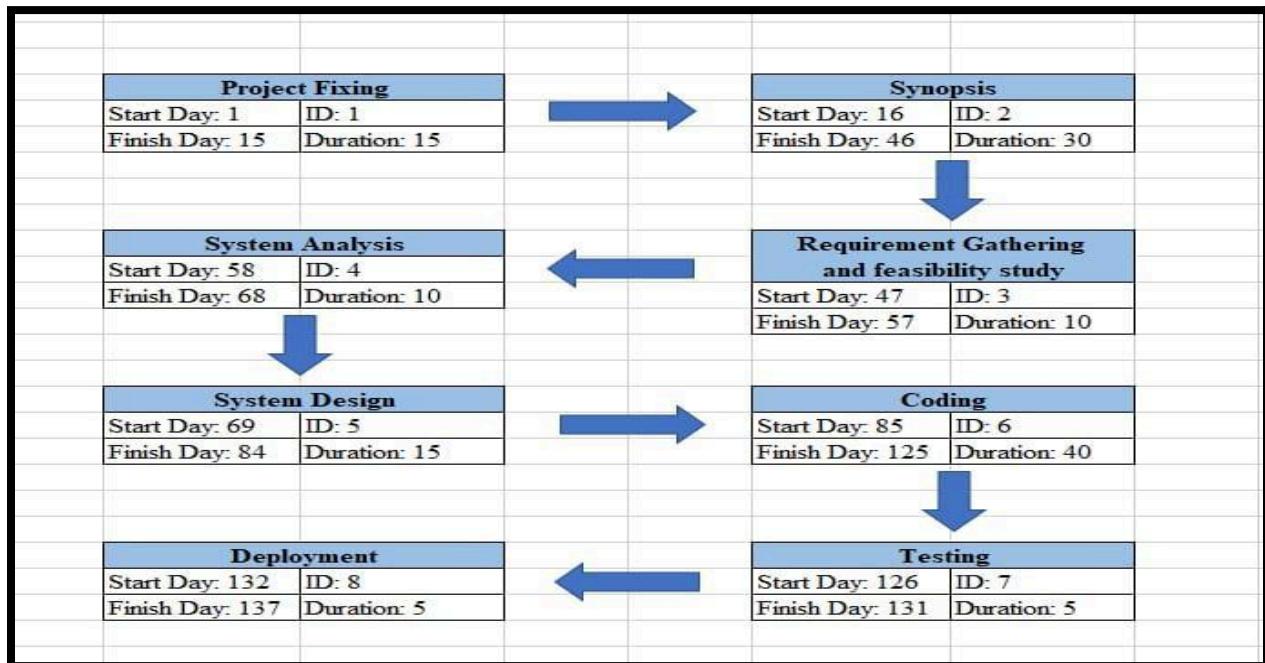
### **Non-Functional Requirements:**

- **Availability:** This system will be easily available to authorized users
- **Reliability:** The system is highly reliable and secure
- **Maintainability:** The system is easily maintainable and provides an easy access of resources
- **Flexible:** Changes can be made, if any.
- **Integrity:** The information entered by the user into the proposed system will be validated to avoid invalid data entering the system.
- **Usability:** The user interface of the system will be simple and easy to understand.

## **3.3 Planning and Scheduling**



**Figure 1:** GANTT Chart



**Figure 2:** PERT Chart

### 3.4 Software and Hardware Requirements

## **Software Requirements**

Operating System: Windows

Technology: PHP, JavaScript, Jquery, Bootstrap 5.0

Web Technology: HTML 5, CSS 3

IDE: Visual Code/Notepad++

Database: Xampp - MySQL

## **Hardware Requirements:**

Laptop/PC

RAM: 4GB and above

System type: 64-bit operating system, x64-based processor

## **3.5 Preliminary Product Description**

## **Module 1: Login and Registration**

This module needs the registration or the login of the people who want to use this website. Initially, all the ‘visitors’ need to register themselves as a user. After that, whenever they want to access the website they need to login through their email id and password and that data will be authenticated with the data stored in the database if it is verified then only they can use the website.

## **Module 2: Admin**

Admin will login via the login interface, the data entered by the admin will be authenticated with the database details and then admin will be able to enter the website if his/her values are correct. Admin has the privilege to check the database, manage and confirm bookings.

## **Module 3: Booking**

This module shall have all the details regarding the start and end dates of reservation for different rooms.

## **Module 4: Payment**

This module holds the payment related information. It takes care of the payment for reservation online. It verifies and validates the payments done online.

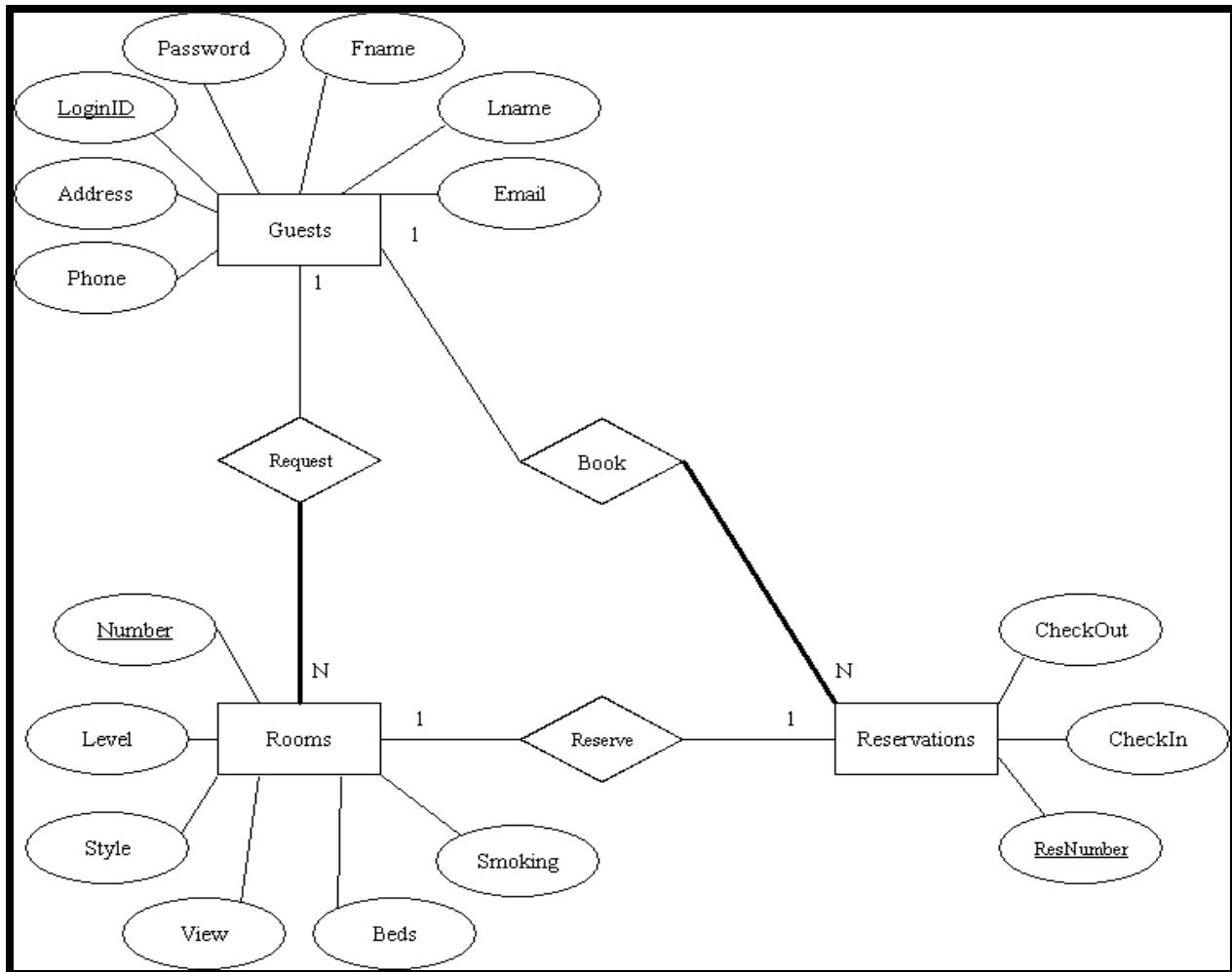
## **Module 5 Room:**

In this module the admin can add or delete the rooms according to the availability.

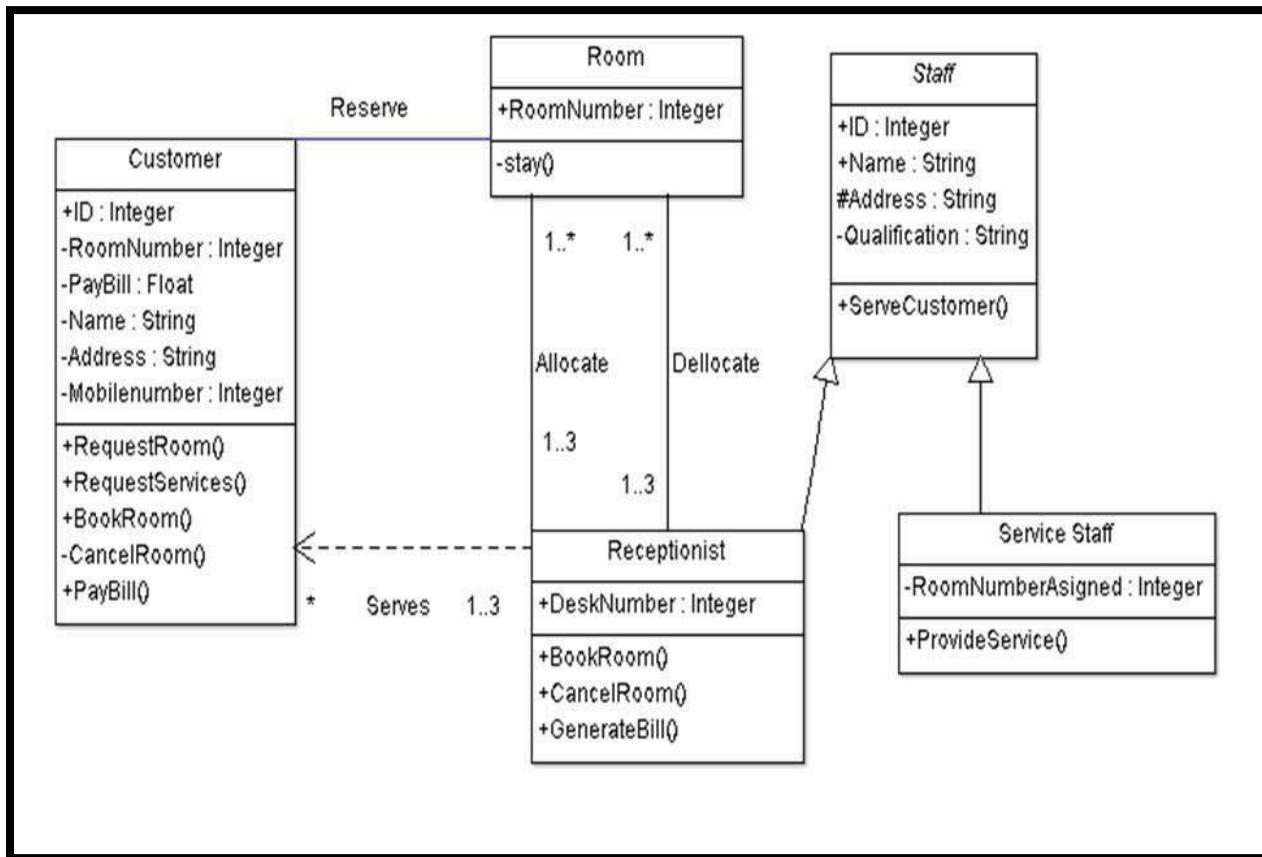
## **3.6 Conceptual Models:**

SR.NO	EVENT	TRIGGER	SOURCE	USE CASE	RESPONSE	DESTINATION
1	ADMIN REGISTRATION	REGISTRATION REQUEST	ADMIN	ENTRY OF DETAILS INTO DATABASE	ACCOUNT LOGGED IN OR NOT	ADMIN
2	ADMIN LOGIN	LOGIN REQUEST	ADMIN	VALIDATING THE ADMIN	LOGIN SUCCESSFUL OR NOT	ADMIN
3	USER REGISTRATION	REGISTRATION REQUEST	ADMIN	ENTRY OF DETAILS INTO DATABASE	ACCOUNT LOGGED IN OR NOT	ADMIN
4	BOOK ROOM	REQUEST TO BOOK ROOM	USER	ROOM BOOKED	ROOM BOOKING SUCCESSFUL OR NOT	ADMIN
5	CANCEL BOOKING	REQUEST TO CANCEL	USER	ROOM BOOKING CANCELLED	ROOM CANCELLATION SUCCESSFUL OR NOT	ADMIN
6	VIEW/MANAGE RESERVATION	REQUEST TO VIEW AND MANAGE ALL THE RESERVATIONS	ADMIN	MANAGING RESERVATIONS	VIEW THE ROOM STATUS	ADMIN

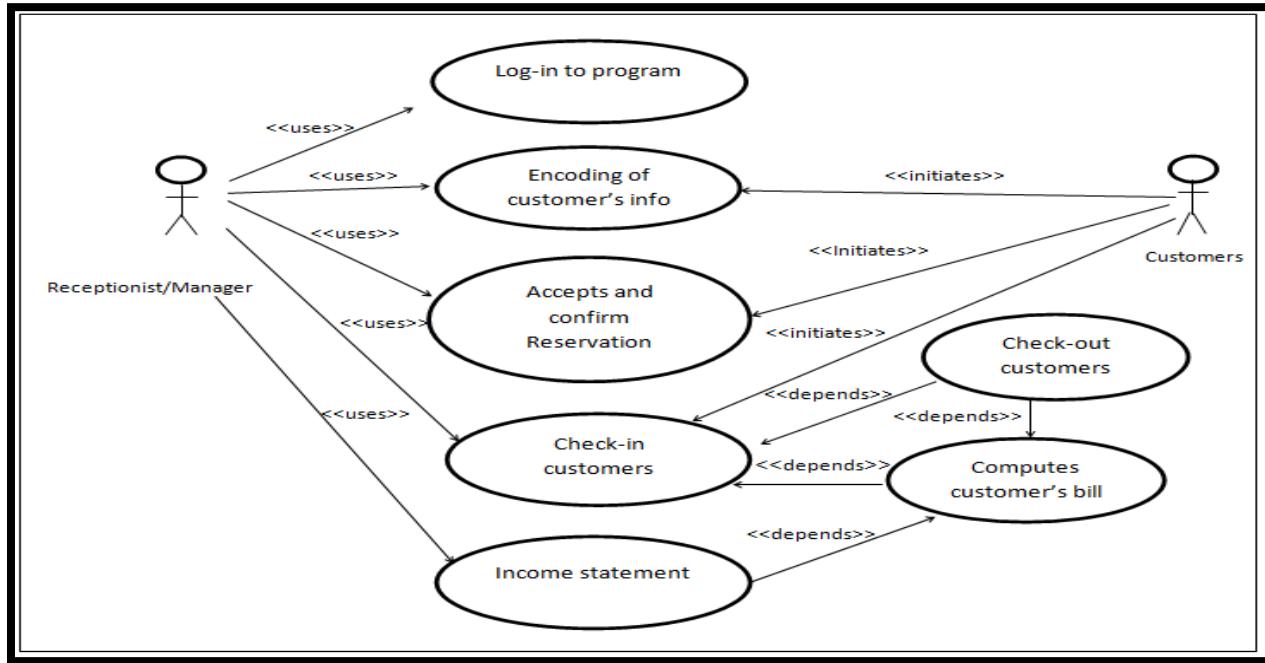
**Figure 3:** EVENT Table



**Figure 4:** ER Diagram



**Figure 5:** CLASS Diagram



**Figure 6:** USE CASE Diagram

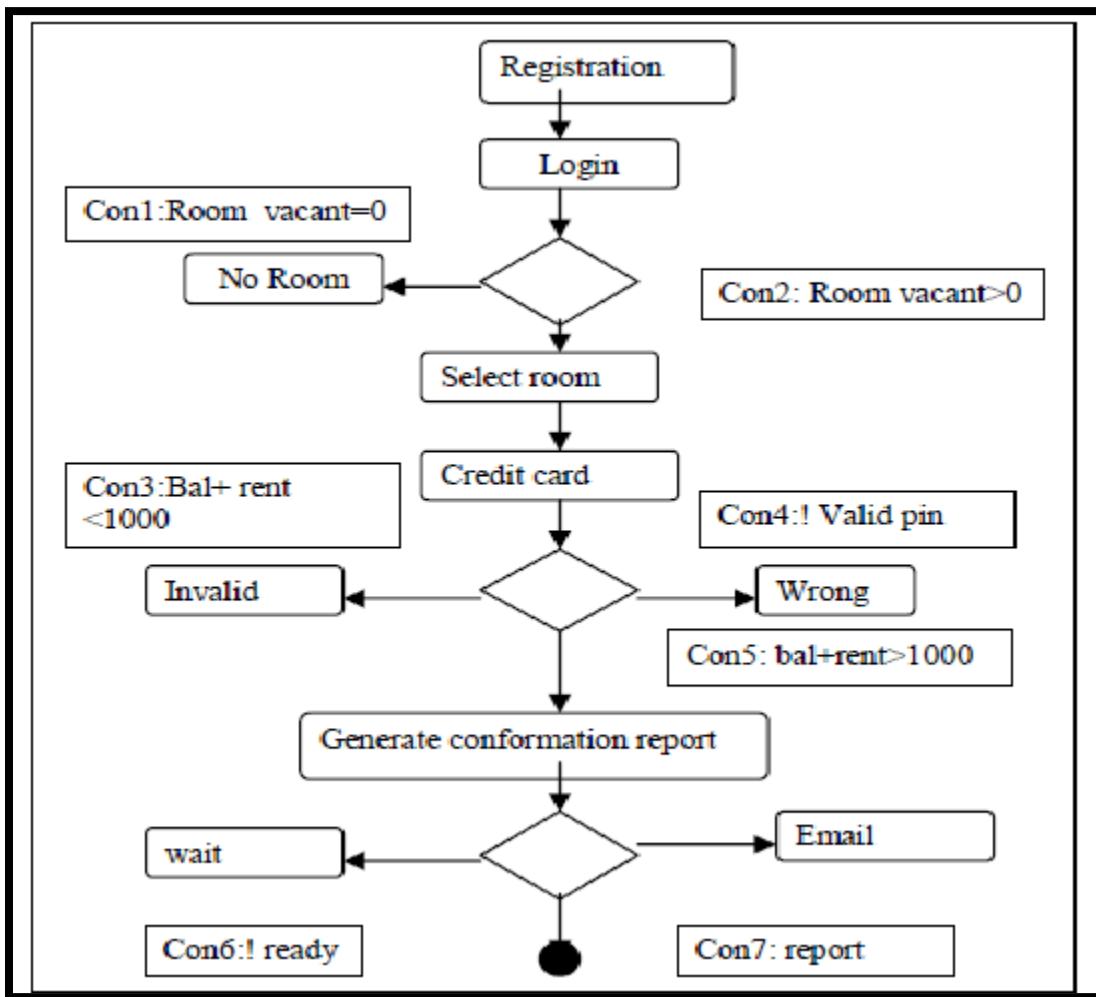
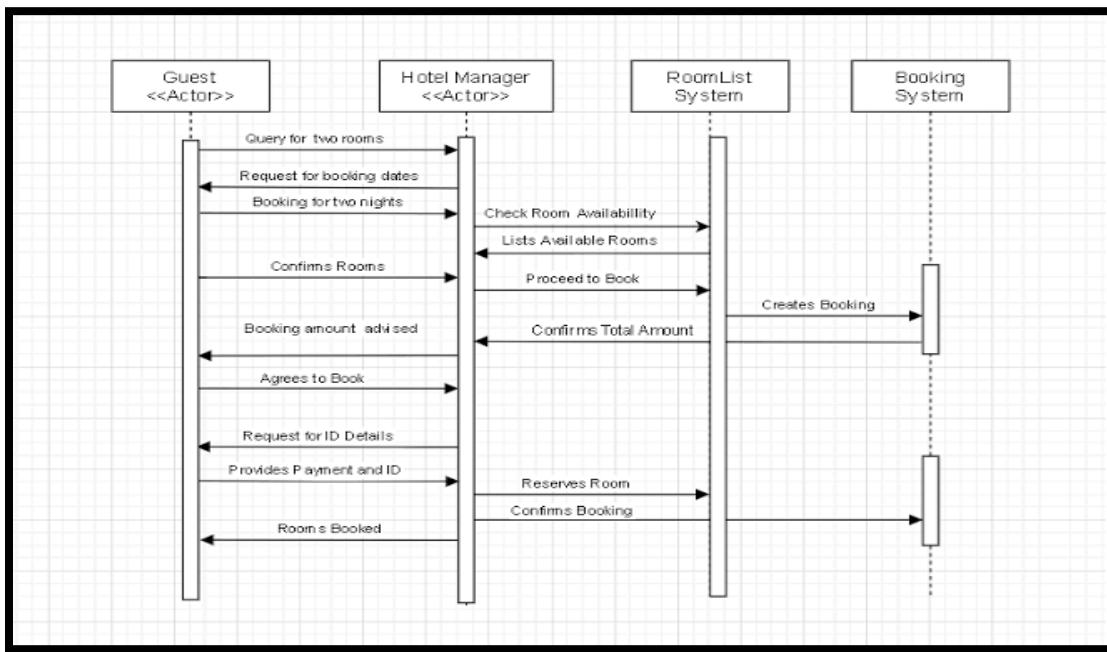


Figure 8: ACTIVITY Diagram



**Figure 9:** SEQUENCE Diagram

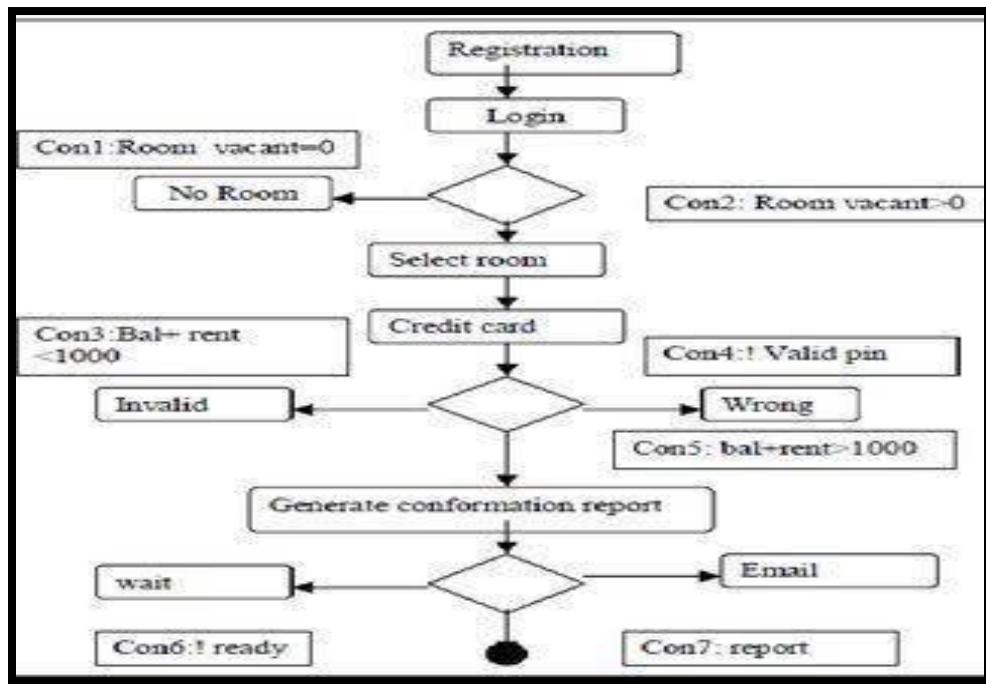
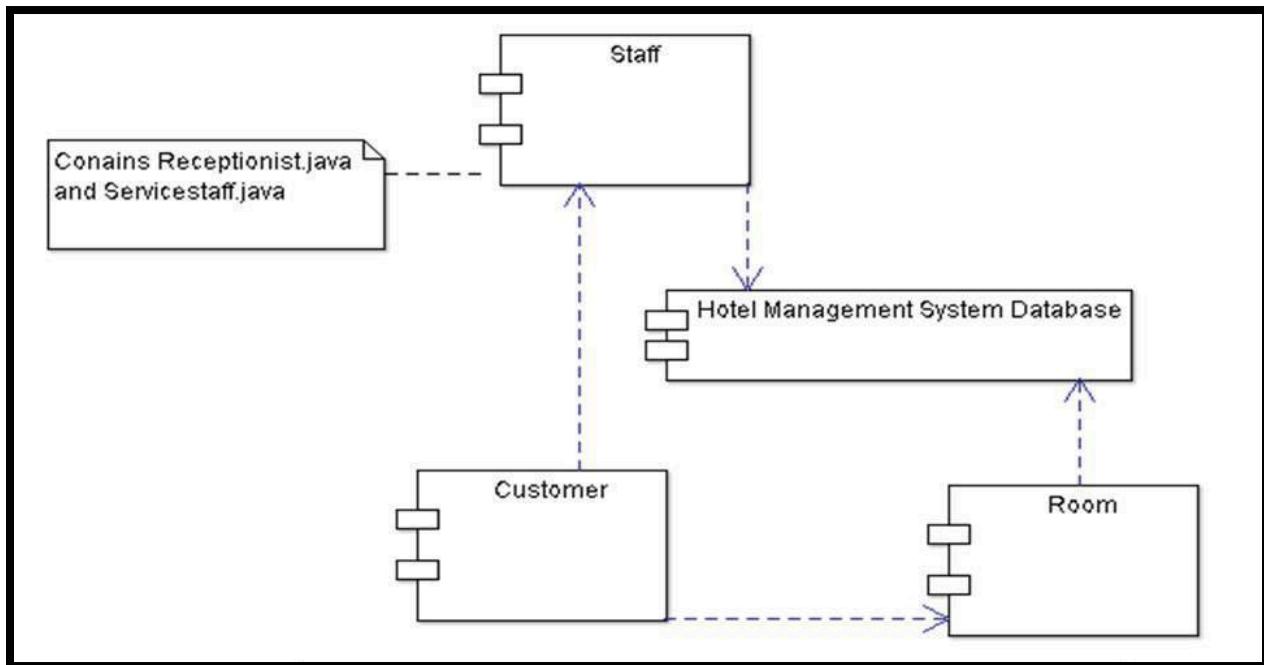


Figure 10: STATE CHART Diagram

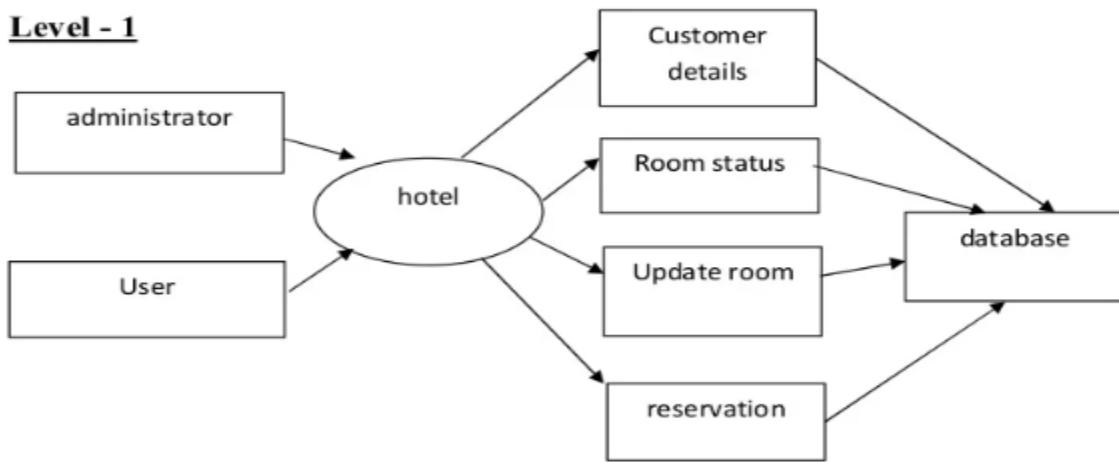


**Figure 12:** COMPONENT Diagram

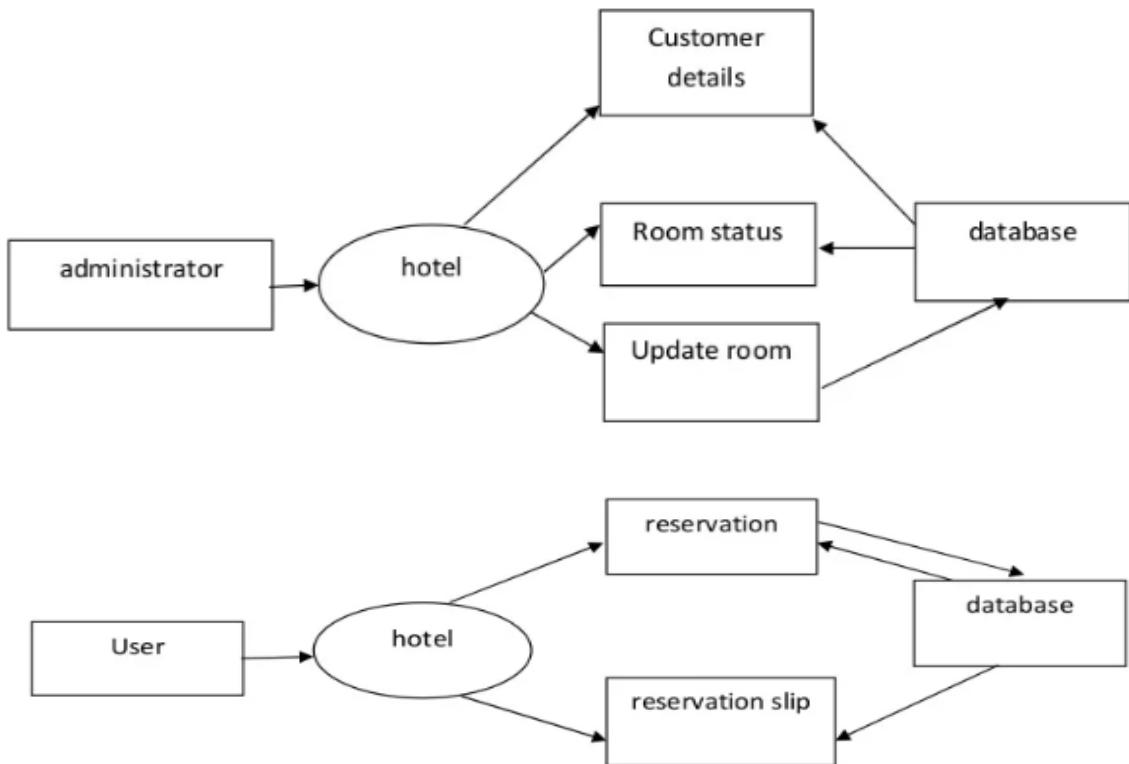
**Level – 0**



Level - 1



Level 2



**Figure 14:** DATA FLOW Diagram

## 4. SYSTEM DESIGN

## **4.1 Basic Modules:**

### **Admin:**

In the Owner profile, he has full access to the system. The owner can view all the details in a graphical way and he has the authority to change the Cost of Room, Room Availability, Service Details, and much more. He can also check the details of the receptionist and staff member currently working at that Hotel.

### **Booking:**

The customer can easily search their Room from the various option available. This all will be so user-friendly so that Customer will not find any trouble in the booking room. Once the room is searched and the customer finds his choice room then this module helps the customer to book the room by following the rules of the Hotel like Check-in and check-out time of the Hotel, Limit of people per room, etc.

### **Payment Details:**

After filling in the booking details clients need to pay the money using different options available like cash/net banking/ATM card. The payment portal would use a payment gateway to clear payment. Once payment will clear receipt of payment will be generated automatically and this receipt will be sent to the manager and the Receptionist will get the notification to make the room ready before they arrive.

### **Add/Update/Delete Hotel Members/Booking Details:**

The owner and Manager can easily add, update, or delete the Staff details. If the customer does not reach the hotel within 3hr of check-in time and if he does not give any prior details of this arrival, then the receptionist will have complete authority to remove his booking and allow another customer that room if needed.

## **4.2 Data Design:**

#### 4.2.1 Data Schema:

- **BOOKING**

Column	Type	Index	Description
<i>Bookingid</i>	int(10)	Primary key	Booking ID
roomid	int(10)	Foreign key	Room ID
customerid	int(10)	Foreign key	Customer ID
bookingdate	date	Notnull	Booking Date
checkin	datetime	Notnull	Check IN
checkout	datetime	Notnull	Check OUT
status	varchar(10)	Notnull	Status

- **CUSTOMER**

Column	Type	Index	Description
<i>customerid</i>	int(10)	Primary key	Customer ID
customername	varchar(50)	Not null	Customer Name
address	text	Not null	Address
contactno	varchar(15)	Not null	Contact Number
gender	varchar(10)	Not null	Gender
idproof	varchar(100)	Not null	Id Proof
addressproof	varchar(100)	Not null	Address Proof
profileimage	varchar(100)	Not null	Profile Image
status	varchar(10)	Not null	Status

## ● PAYMENT

Column	Type	Index	Description
<i>paymentid</i>	int(10)	Primary key	Payment ID
bookingid	int(10)	Foreign key	Booking ID
type	varchar(20)	Not null	Type
amount	float(10,2)	Not null	Amount
paymenttype	Varchar(20)	Not null	Payment Type
paymentdetail	text	Not null	Payment Detail
paymentdate	date	Not null	Payment Date
status	varchar(10)	Not null	Status

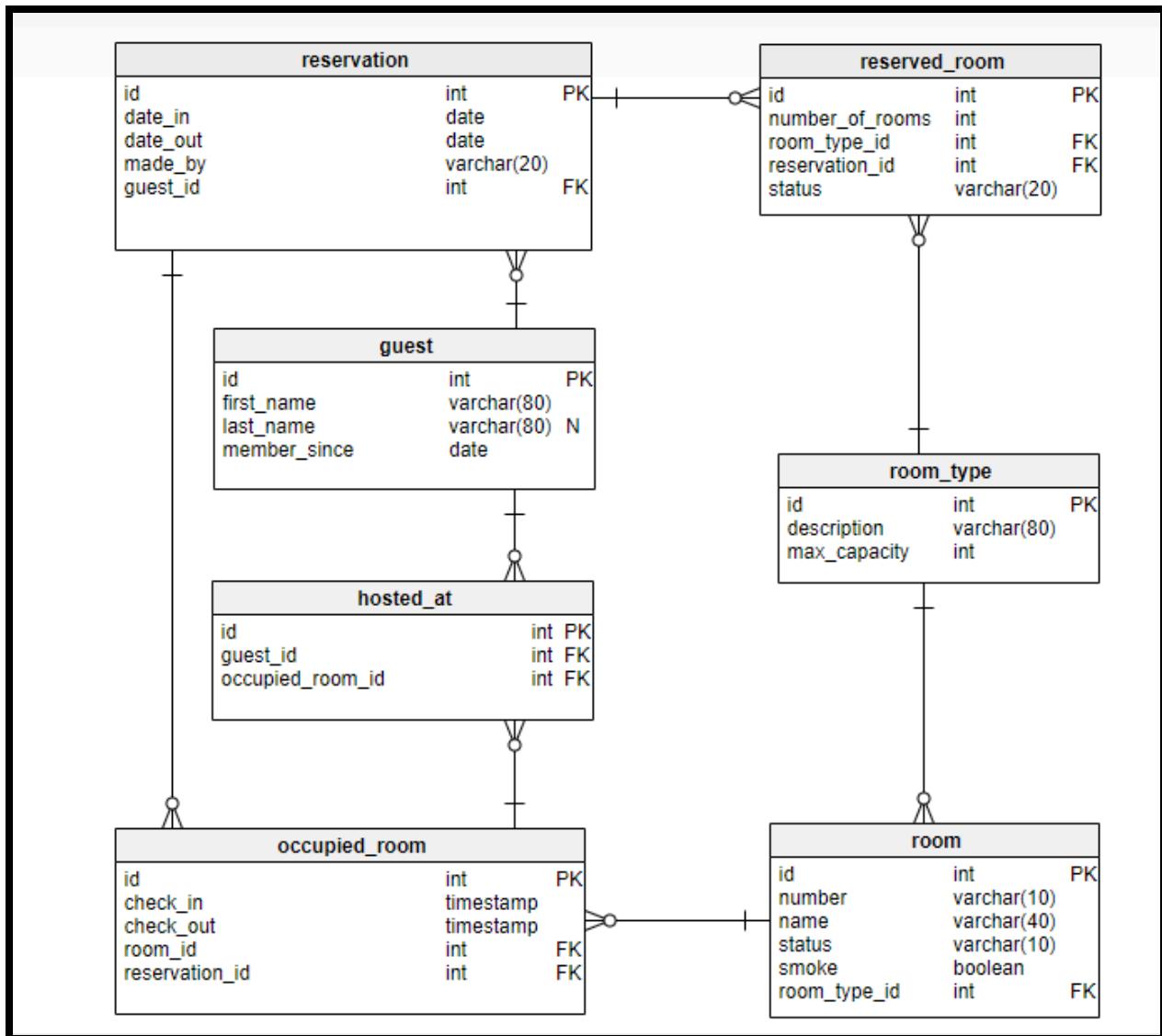
## ● ROOM

Column	Type	Index	Description
<i>Roomid</i>	int(10)	Primary key	Room ID
Roomtypeid	Int(10)	Foreign key	Room Type ID
Roomnumber	Varchar(10)	Not null	Room Number
description	text	Not null	Description
status	varchar(10)	Not null	Status

## ● ROOM TYPE

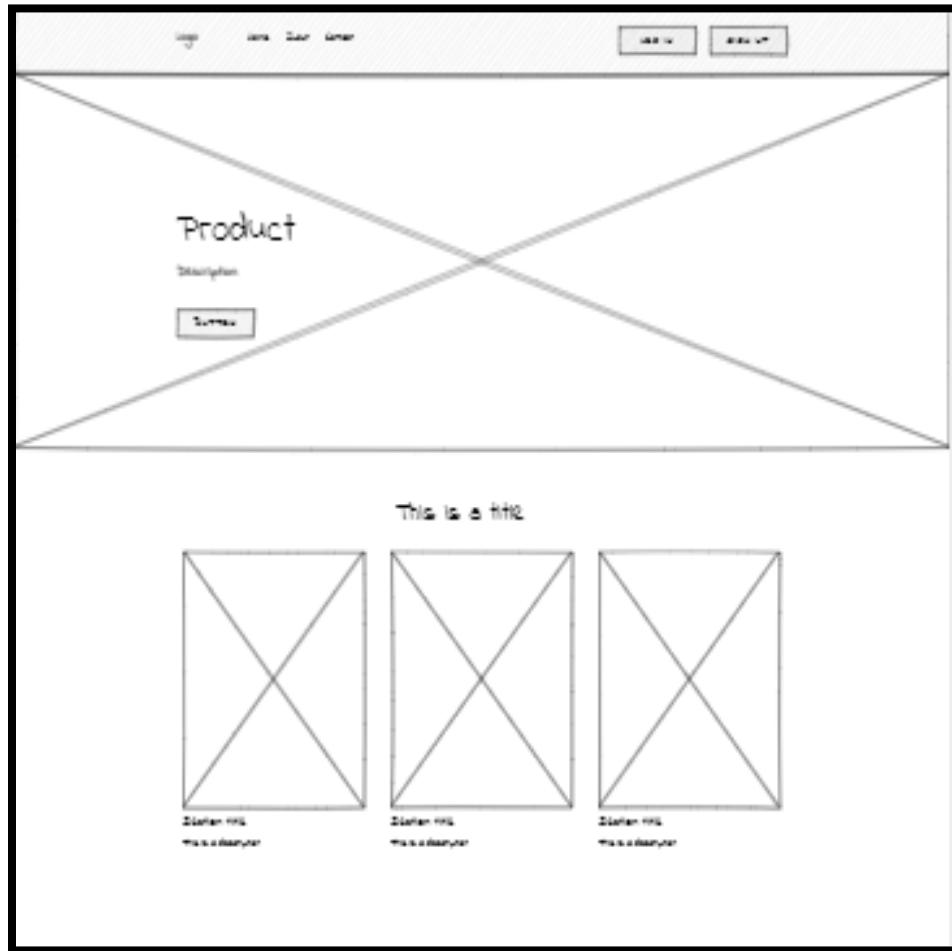
Column	Type	Index	Description
<i>roomtypeid</i>	int(10)	Primary key	Roomtype ID
roomtype	varchar(100)	Not null	RoomTtype
roomimg	varchar(100)	Not null	Room Image
description	text	Not null	Description
cost	Float(10,2)	Not null	Cost
status	varchar(10)	Not null	Status

#### 4.2.2 Data Integrity and Constraints:

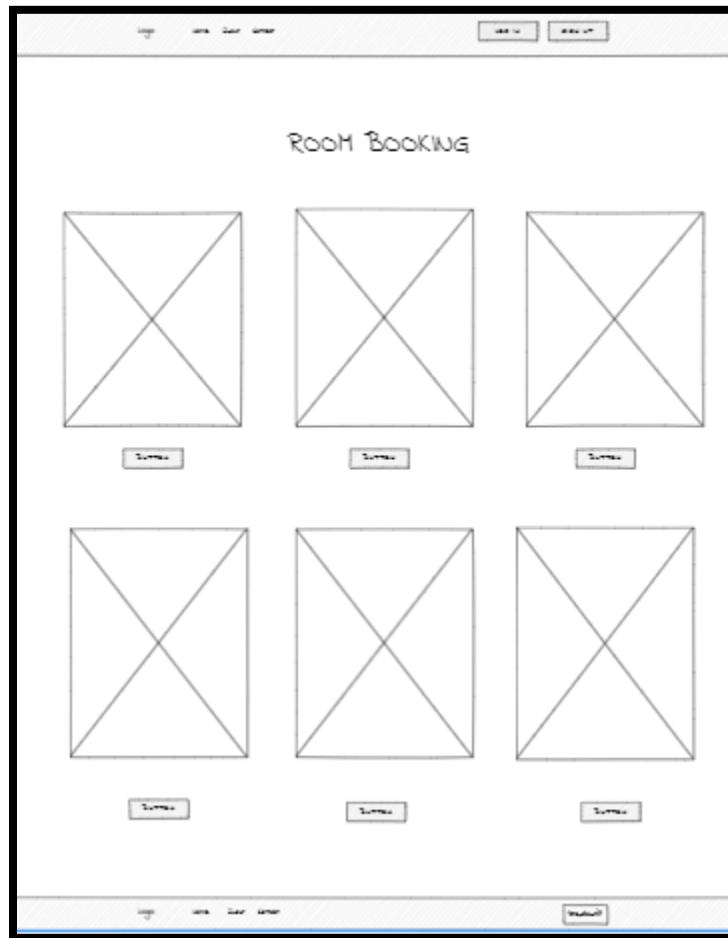


#### 4.3 User Interface:

**Homepage:**



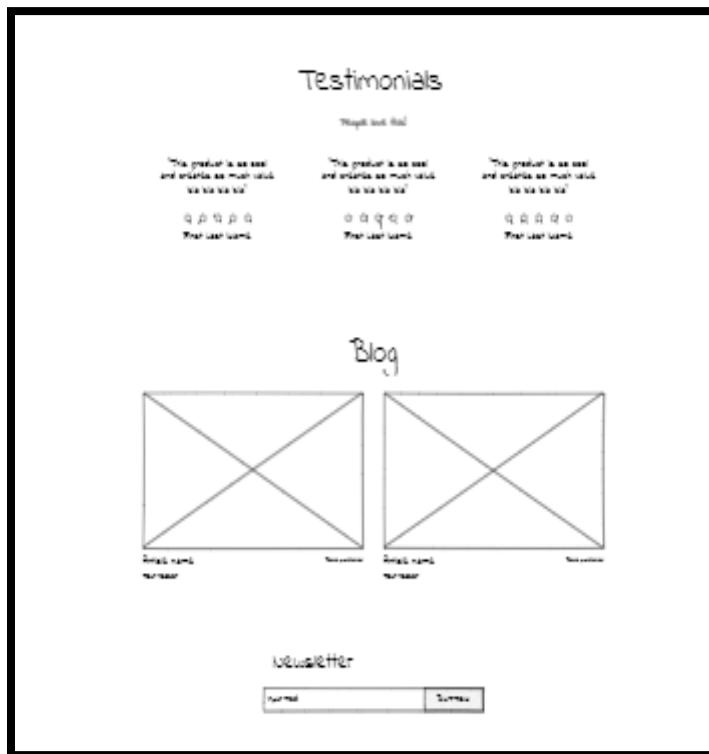
□ **Room Booking:**



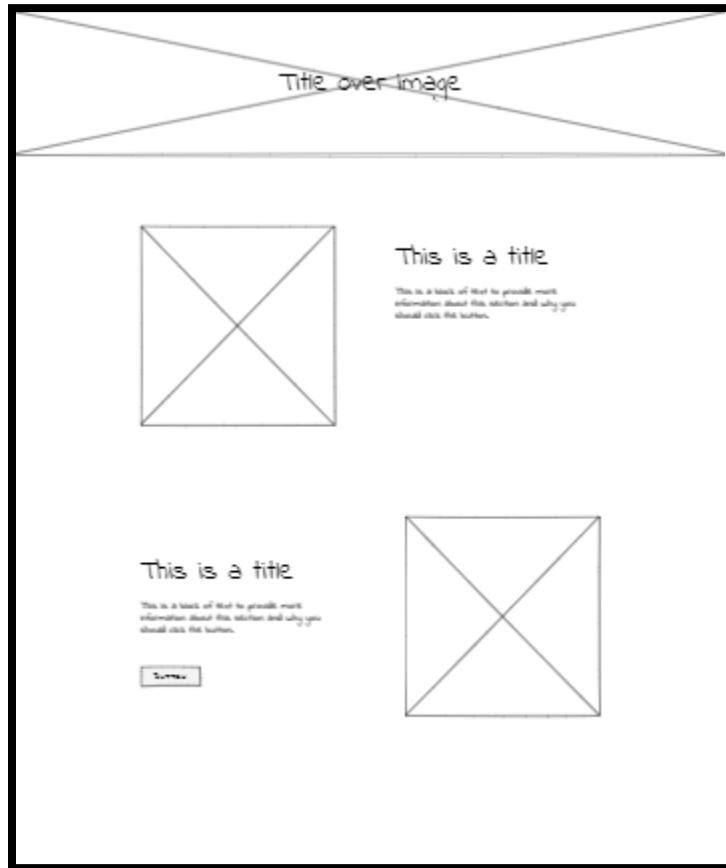
**Reservation Page:**

The image shows a wireframe of a web page titled "RESERVATION FORM". At the top, there is a navigation bar with links for "Home", "About", "Contact", and "Logout". Below the title, there is a large rectangular input field labeled "MESSAGE" with a placeholder "Put your message here". To the right of this input field, the word "IMAGE" is written above a square frame containing a large "X" shape. Below the input field, the text "Find us here" is displayed above another square frame containing a large "X" shape. At the bottom of the page, there is a footer bar with links for "Home", "About", "Contact", and "Logout".

**Contact Us Page:**



**Reviews Page:**



## 4.4 Security Issues:

- **Authorization:**

The system is authorized to give permission to register users to the system and login access to registered users

- **Authentication:**

This approach is being used because every user has to authenticate himself/herself to operate the system.

- **Using SQL defined queries:**

These help the database so that the database recognizes a valid SQL code.

- **Using a web application firewall:**

This feature can monitor the network traffic and determine unexpected traffic and hence can block possible attacks like denial of service. Web application firewalls can also be used to detect cross-site request forgery attacks.

- **Password Encryption:**

Network Eavesdropping and many other attacks can be prevented when storing the password in an encrypted format in the database.

- **Using computer backups and boosting physical security:**

These help an institution to retrieve data in case of any network attack, natural disasters and physical attacks.

## **4.5 Test Cases Design:**

TEST CONDITION	INPUT SELECTED	EXPECTED	ACTUAL
USER LOGIN	Login ID: "reception" Password: "reception"	Should Navigate to Homepage	Displayed Homepage
	Login ID: "" Password: ""	Should Display Message Box "Login Failed"	Message Box appeared as "LOGIN FAILED"
ROOM BOOKING	<input checked="" type="checkbox"/> Name: "xyz" Address: "xyz" Number: "123" Room No.: "123" No. Of Guests: "123"	Should Display "Room Booked Successfully"	Displayed "Room Booked Successfully"
	Name: "xyz" Address: "" Number: "" Room No.: "" No. Of Guests: "123"	Should display "Please Enter all your details"	Displayed "Room Booked Successfully"
CHANGE PASSWORD	Email ID= "xyz@gmail.com" Old Password= "xyz" New Password= "abc"	Should display "Password changed successfully"	Displayed "Password changed successfully"
	Email ID= "xyz@gmail.com" Old Password= "abc" New Password= "abc"	Should display "Please enter a different password"	Displayed "Please enter a different password"
ADMIN	"Delete Reservation" "Edit reservation"	Be able to Edit or Delete room bookings	Only able to delete reservation

## 5. IMPLEMENTATION AND TESTING

## **5.1 Implementation Approach:**

### **a. Introduction:**

The **HOTEL MANAGEMENT SYSTEM** starts with a **Homepage** where the user can see and learn more about **SUNRISE HOTEL** or select from the other options such as **Room Booking** or **Contact Us**. If the user chooses the room they want to book, they will be directed to a **Reservation Page** where they have to enter their personal details and the type of room they want to book. If they the user has any inquiry or doubt they can contact the hotel through the contact us page. Additionally, the user can also see the **Reviews** on the homepage, left by other customers who stayed at the hotel.

### **b. Input and Output Design Implementation:**

This aspect discusses the input and output design of the system so as to give a clear view of what is meant by the terms input/output design.

**Input:** It should be understood that input is the data that should be fed into the system to serve as basis for the desired output. The input to the new system is designed to capture data in the subsystem.

**Output:** With the identification of the input design, it is logical to state the output design too. Output is the data that should go out of the system. The output design of this system includes reports that can be viewed by the management of the hotel.

### **c. System Implementation**

The system consists of multiple modules. If the user chooses the room they want to book, they will be directed to a **Reservation Page** where they have to enter their personal details and the type of room they want to book. If they the user has any inquiry or doubt they can contact the hotel through the contact us page. Additionally, the user can also see the **Reviews** on the homepage, left by other customers who stayed at the hotel.

### **d. Code Module:**

The major technologies used in this project are web technologies (CSS, PHP, JAVASCRIPT and HTML) and relational database technology(MySQL). The site developed is a collection of web documents, i.e., files written in HTML. The major HTML features that will be used are form,

tables, and cascading stylesheet. We use a form to collect registration data- username, email, password, country, phone number, etc. from a user. Data received by the PHP document, from the form is loaded into corresponding fields in a record that is then stored in our relational database. PHP and MySQL instructions are used in our code to open the database, establish a connection between it and our HTML code to insert data, retrieve data

#### **e. Project Summary:**

The first page that the user is directed to is the Homepage which contains the information about the Sunrise Hotel. As the user starts navigating through the website, all the features of the hotel can be learnt about. After learning about it user can select the if they want to stay in the hotel or not and then book the room according to their choice. After clicking on the room they want they, they will be redirected to a second page which contains the reservation form, where they have to enter all their personal details required to book a room. Then the last step would require them to type a random code mentioned as a verification process and if it is correct their room will be booked.

#### **5.2 Coding Details and Code Efficiency:**

- **PAYMENT:**

```

<?php
session_start();
if(!isset($_SESSION["user"]))
{
header("location:index.php");
}
?>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>SUNRISE HOTEL</title>
        <!-- Bootstrap Styles-->
    <link href="assets/css/bootstrap.css" rel="stylesheet" />
    <!-- FontAwesome Styles-->
    <link href="assets/css/font-awesome.css" rel="stylesheet" />
    <!-- Morris Chart Styles-->

        <!-- Custom Styles-->
    <link href="assets/css/custom-styles.css" rel="stylesheet" />
    <!-- Google Fonts-->
    <link href="http://fonts.googleapis.com/css?family=Open+Sans" rel='stylesheet'
type='text/css' />
    <!-- TABLE STYLES-->
    <link href="assets/js/dataTables/dataTables.bootstrap.css" rel="stylesheet" />
</head>
<body>
<div id="wrapper">

    <nav class="navbar navbar-default top-navbar" role="navigation">
        <div class="navbar-header">
            <button type="button" class="navbar-toggle" data-toggle="collapse"
data-target=".sidebar-collapse">
                <span class="sr-only">Toggle navigation</span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
            <a class="navbar-brand" href="home.php"><?php echo $_SESSION["user"];?>
            </a>
        </div>
    <ul class="nav navbar-top-links navbar-right">
        <li class="dropdown">

```

```

<a class="dropdown-toggle" data-toggle="dropdown" href="#" aria-expanded="false">
    <i class="fa fa-user fa-fw"></i> <i class="fa fa-caret-down"></i>
</a>
<ul class="dropdown-menu dropdown-user">
    <li><a href="usersetting.php"><i class="fa fa-user fa-fw"></i> User Profile</a>
        </li>
    <li><a href="settings.php"><i class="fa fa-gear fa-fw"></i> Settings</a>
        </li>
    <li class="divider"></li>
    <li><a href="logout.php"><i class="fa fa-sign-out fa-fw"></i> Logout</a>
        </li>
</ul>
<!-- /.dropdown-user -->
</li>
<!-- /.dropdown -->
</ul>
</nav>
<!--/. NAV TOP -->
<nav class="navbar-default navbar-side" role="navigation">
    <div class="sidebar-collapse">
        <ul class="nav" id="main-menu">

            <li>
                <a href="home.php"><i class="fa fa-dashboard"></i> Status</a>
            </li>

            <li>
                <a href="roombook.php"><i class="fa fa-bar-chart-o"></i> Room Booking</a>
            </li>
            <li>
                <a class="active-menu" href="payment.php"><i class="fa fa-qrcode"></i> Payment</a>
            </li>
            <li>
                <a href="profit.php"><i class="fa fa-qrcode"></i> Profit</a>
            </li>
            <li>
                <a href="logout.php" ><i class="fa fa-sign-out fa-fw"></i> Logout</a>
            </li>
        </ul>
    </div>
</nav>

```

```
</div>

</nav>
<!-- /. NAV SIDE -->
<div id="page-wrapper" >
  <div id="page-inner">
    <div class="row">
      <div class="col-md-12">
        <h1 class="page-header">
          <small> Payment Details</small>
        </h1>
      </div>
    </div>
    <!-- /. ROW -->

    <div class="row">
      <div class="col-md-12">
        <!-- Advanced Tables -->
        <div class="panel panel-default">
          <div class="panel-body">
            <div class="table-responsive">
              <table class="table table-striped table-bordered table-hover"
id="dataTables-example">
                <thead>
                  <tr>
                    <th>Name</th>
                    <th>Room type</th>
                    <th>Bed Type</th>
                    <th>Check in</th>
                  <th>Check out</th>
                  <th>No of Room</th>
                  <th>Meal Type</th>
                    <th>Room Price</th>
                  <th>Bed Price</th>
                  <th>Meals </th>
                  <th>Gr.Total</th>
                <thead>
              </table>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>
```

```
<th>Print</th>

        </tr>
    </thead>
    <tbody>

        <?php
            include
('db.php');
            $sql="select
* from payment";
            $re =
mysql_query($con,$sql);
            while($row
= mysqli_fetch_array($re))
{
                $id
= $row['id'];

if($id % 2 ==1 )
{
    echo"<tr class='gradeC'>
        <td>".$row['title']."' ".$row['fname']."' ".$row['lname']."' </td>
        <td>".$row['troom']."' </td>
        <td>".$row['tbed']."' </td>
        <td>".$row['cin']."' </td>
        <td>".$row['cout']."' </td>
        <td>".$row['nroom']."' </td>
        <td>".$row['meal']."' </td>
        <td>".$row['ttot']."' </td>
        <td>".$row['mepr']."' </td>
    </tr>";
}
}
        </tbody>
    </table>

```

```

<td>".$row['btot']."'</td>
<td>".$row['fintot']."'</td>
<td><a href=print.php?pid=".$id ." <button class='btn btn-primary'> <i
class='fa fa-print' ></i> Print</button></td>
</tr>" ;
}

else
{

echo"<tr class='gradeU'>

<td>".$row['title']."' ".$row['fname']."' ".$row['lname']."'</td>
<td>".$row['troom']."'</td>
<td>".$row['tbed']."'</td>
<td>".$row['cin']."'</td>
<td>".$row['cout']."'</td>
<td>".$row['nroom']."'</td>
<td>".$row['meal']."'</td>
<td>".$row['ttot']."'</td>
<td>".$row['mepr']."'</td>
<td>".$row['btot']."'</td>
<td>".$row['fintot']."'</td>
<td><a href=print.php?pid=".$id ." <button class='btn btn-primary'> <i
class='fa fa-print' ></i> Print</button></td>
</tr>" ;
}

```

```
    }
```

```
    ?>
```

```
        </tbody>
        </table>
    </div>

    </div>
    </div>
    <!--End Advanced Tables -->
    </div>
</div>
<!-- /. ROW -->

</div>

</div>

</div>
<!-- /. PAGE INNER -->
</div>
<!-- /. PAGE WRAPPER -->
<!-- /. WRAPPER -->
<!-- JS Scripts-->
<!-- jQuery Js -->
<script src="assets/js/jquery-1.10.2.js"></script>
<!-- Bootstrap Js -->
<script src="assets/js/bootstrap.min.js"></script>
<!-- Metis Menu Js -->
<script src="assets/js/jquery.metisMenu.js"></script>
<!-- DATA TABLE SCRIPTS -->
<script src="assets/js/dataTables/jquery.dataTables.js"></script>
<script src="assets/js/dataTables/dataTables.bootstrap.js"></script>
<script>
    $(document).ready(function () {
        $('#dataTables-example').dataTable();
    });
</script>
<!-- Custom Js -->
<script src="assets/js/custom-scripts.js"></script>

</body>
</html>
```

- ADD/DELETE ROOM:

```
<?php
session_start();
if(!isset($_SESSION["user"]))
{
header("location:index.php");
}
?>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>SUNRISE HOTEL</title>
        <!-- Bootstrap Styles-->
    <link href="assets/css/bootstrap.css" rel="stylesheet" />
    <!-- FontAwesome Styles-->
    <link href="assets/css/font-awesome.css" rel="stylesheet" />
    <!-- Custom Styles-->
    <link href="assets/css/custom-styles.css" rel="stylesheet" />
    <!-- Google Fonts-->
    <link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet'
type='text/css' />
</head>
<body>
    <div id="wrapper">
        <nav class="navbar navbar-default top-navbar" role="navigation">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-toggle="collapse"
data-target=".sidebar-collapse">
                    <span class="sr-only">Toggle navigation</span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
                <a class="navbar-brand" href="home.php">MAIN MENU </a>
            </div>
<ul class="nav navbar-top-links navbar-right">
    <li class="dropdown">
        <a class="dropdown-toggle" data-toggle="dropdown" href="#" aria-expanded="false">
            <i class="fa fa-user fa-fw"></i> <i class="fa fa-caret-down"></i>
        </a>
```

```
<ul class="dropdown-menu dropdown-user">
    <li><a href="usersetting.php"><i class="fa fa-user fa-fw"></i> User
Profile</a>
    </li>
    <li><a href="settings.php"><i class="fa fa-gear fa-fw"></i>
Settings</a>
    </li>
    <li class="divider"></li>
    <li><a href="logout.php"><i class="fa fa-sign-out fa-fw"></i>
Logout</a>
    </li>
</ul>

        <!-- /.dropdown-user -->
    </li>
    <!-- /.dropdown -->
</ul>
</nav>
<!--/. NAV TOP -->
<nav class="navbar-default navbar-side" role="navigation">
    <div class="sidebar-collapse">
        <ul class="nav" id="main-menu">

            <li>
                <a href="settings.php"><i class="fa fa-dashboard"></i>Rooms
Status</a>
                </li>
            <li>
                <a class="active-menu" href="room.php"><i class="fa
fa-plus-circle"></i>Add Room</a>
                </li>
            <li>
                <a href="roomdel.php"><i class="fa fa-desktop"></i> Delete
Room</a>
                </li>
            </li>
        </ul>
    </div>
</nav>
<!-- /. NAV SIDE -->

<div id="page-wrapper" >
```

```

<div id="page-inner">
    <div class="row">
        <div class="col-md-12">
            <h1 class="page-header">
                NEW ROOM <small></small>
            </h1>
        </div>
    </div>

<div class="row">
    <div class="col-md-5 col-sm-5">
        <div class="panel panel-primary">
            <div class="panel-heading">
                ADD NEW ROOM
            </div>
            <div class="panel-body">
                <form name="form" method="post">
                    <div class="form-group">
                        <label>Type Of Room *</label>
                        <select name="troom" class="form-control" required>
                            <option value selected ></option>
                            <option value="Superior Room">SUPERIOR
                                ROOM</option>
                            <option value="Deluxe Room">DELUXE
                                ROOM</option>
                            <option value="Guest House">GUEST HOUSE</option>
                            <option value="Single Room">SINGLE ROOM</option>
                        </select>
                    </div>
                    <div class="form-group">
                        <label>Bedding Type</label>
                        <select name="bed" class="form-control" required>
                            <option value selected ></option>
                            <option value="Single">Single</option>
                            <option value="Double">Double</option>
                            <option value="Triple">Triple</option>
                            <option value="Quad">Quad</option>
                        </select>
                    </div>
                </form>
            </div>
        </div>
    </div>
</div>

```

```

<option value="Triple">None</option>

        </select>

    </div>
        <input type="submit"
name="add" value="Add New" class="btn btn-primary">
    </form>
<?php
include('db.php');
if(isset($_POST['add']))
{
    $room =
$_POST['troom'];
    $bed =
$_POST['bed'];
    $place =
'Free';

$check="SELECT * FROM room WHERE type = '$room' AND bedding = '$bed'";
    $rs =
mysqli_query($con,$check);
    $data =
mysqli_fetch_array($rs, MYSQLI_NUM);
    if($data[0]
> 1) {
        echo
"<script type='text/javascript'> alert('Room Already in Exists')</script>";
    }
    else
    {
        $sql
="INSERT INTO `room`(`type`, `bedding`, `place`) VALUES ('$room','$bed','$place')"
;
        if(mysqli_query($con,$sql))
        {
            echo
'<script>alert("New Room Added") </script>';
        }
    }
}

```

```

echo
'<script>alert("Sorry ! Check The System") </script>' ;
}

}

?>

</div>

</div>
</div>

<div class="row">
    <div class="col-md-6 col-sm-6">
        <div class="panel panel-primary">
            <div class="panel-heading">
                ROOMS INFORMATION
            </div>
            <div class="panel-body">
                <!-- Advanced Tables -->
                <div class="panel panel-default">
                    <?php
                        $sql = "select * from room limit 0,10";
                        $re = mysqli_query($con,$sql)
                    ?>
                    <div class="panel-body">
                        <div class="table-responsive">
                            <table class="table table-striped table-bordered table-hover"
id="dataTables-example">
                                <thead>
                                    <tr>
                                        <th>Room ID</th>
                                        <th>Room Type</th>
                                        <th>Bedding</th>
                                    </tr>
                                </thead>
                                <tbody>
                                    <?php
while($row= mysqli_fetch_array($re))
{

```

```
$id = $row['id'];

if($id % 2 == 0)
{
    echo "<tr class=odd gradeX>
        <td>".$row['id']."'</td>
        <td>".$row['type']."'</td>
        <th>".$row['bedding']."'</th>
    </tr>";
}

else
{
    echo "<tr class=even gradeC>
        <td>".$row['id']."'</td>
        <td>".$row['type']."'</td>
        <th>".$row['bedding']."'</th>
    </tr>";
}

?>
</tbody>
</table>
</div>

</div>
</div>
<!--End Advanced Tables --&gt;</pre>
```

```
</div>

</div>
</div>

</div>

</div>
<!-- /. PAGE INNER -->
</div>
<!-- /. PAGE WRAPPER -->
</div>
<!-- /. WRAPPER -->
<!-- JS Scripts-->
<!-- jQuery Js -->
<script src="assets/js/jquery-1.10.2.js"></script>
<!-- Bootstrap Js -->
<script src="assets/js/bootstrap.min.js"></script>
<!-- Metis Menu Js -->
<script src="assets/js/jquery.metisMenu.js"></script>
<!-- Custom Js -->
<script src="assets/js/custom-scripts.js"></script>

</body>
</html>
```

- **PRINT INVOICE/RECEIPT:**

```
<html>
  <head>
    <meta charset="utf-8">
    <title>Invoice</title>
    <link rel="stylesheet" href="style.css">
    <link rel="license"
      href="https://www.opensource.org/licenses/mit-license/">
    <script src="script.js"></script>
    <style>
      /* reset */
      *
      {
        border: 0;
        box-sizing: content-box;
        color: inherit;
        font-family: inherit;
        font-size: inherit;
        font-style: inherit;
        font-weight: inherit;
        line-height: inherit;
        list-style: none;
        margin: 0;
        padding: 0;
        text-decoration: none;
        vertical-align: top;
      }
      /* content editable */
      *[contenteditable] { border-radius: 0.25em; min-width: 1em; outline: 0; }
      *[contenteditable] { cursor: pointer; }
      *[contenteditable]:hover, *[contenteditable]:focus, td:hover *[contenteditable],
      td:focus *[contenteditable], img.hover { background: #DEF; box-shadow: 0 0 1em
      0.5em #DEF; }
      span[contenteditable] { display: inline-block; }
      /* heading */
    </style>
```

```

h1 { font: bold 100% sans-serif; letter-spacing: 0.5em; text-align: center;
text-transform: uppercase; }

/* table */

table { font-size: 75%; table-layout: fixed; width: 100%; }
table { border-collapse: separate; border-spacing: 2px; }
th, td { border-width: 1px; padding: 0.5em; position: relative; text-align: left; }
th, td { border-radius: 0.25em; border-style: solid; }
th { background: #EEE; border-color: #BBB; }
td { border-color: #DDD; }

/* page */

html { font: 16px/1 'Open Sans', sans-serif; overflow: auto; padding: 0.5in; }
html { background: #999; cursor: default; }

body { box-sizing: border-box; height: 11in; margin: 0 auto; overflow: hidden;
padding: 0.5in; width: 8.5in; }
body { background: #FFF; border-radius: 1px; box-shadow: 0 0 1in -0.25in
rgba(0, 0, 0, 0.5); }

/* header */

header { margin: 0 0 3em; }
header:after { clear: both; content: ""; display: table; }

header h1 { background: #000; border-radius: 0.25em; color: #FFF; margin: 0 0
1em; padding: 0.5em 0; }
header address { float: left; font-size: 75%; font-style: normal; line-height:
1.25; margin: 0 1em 1em 0; }
header address p { margin: 0 0 0.25em; }
header span, header img { display: block; float: right; }
header span { margin: 0 0 1em 1em; max-height: 25%; max-width: 60%;
position: relative; }
header img { max-height: 100%; max-width: 100%; }
header input { cursor: pointer;
-ms-filter:"progid:DXImageTransform.Microsoft.Alpha(Opacity=0)"; height: 100%;
left: 0; opacity: 0; position: absolute; top: 0; width: 100%; }

/* article */

article, article address, table.meta, table.inventory { margin: 0 0 3em; }
article:after { clear: both; content: ""; display: table; }
article h1 { clip: rect(0 0 0 0); position: absolute; }

```

```
article address { float: left; font-size: 125%; font-weight: bold; }

/* table meta & balance */

table.meta, table.balance { float: right; width: 36%; }
table.meta:after, table.balance:after { clear: both; content: ""; display: table; }

/* table meta */

table.meta th { width: 40%; }
table.meta td { width: 60%; }

/* table items */

table.inventory { clear: both; width: 100%; }
table.inventory th { font-weight: bold; text-align: center; }

table.inventory td:nth-child(1) { width: 26%; }
table.inventory td:nth-child(2) { width: 38%; }
table.inventory td:nth-child(3) { text-align: right; width: 12%; }
table.inventory td:nth-child(4) { text-align: right; width: 12%; }
table.inventory td:nth-child(5) { text-align: right; width: 12%; }

/* table balance */

table.balance th, table.balance td { width: 50%; }
table.balance td { text-align: right; }

/* aside */

aside h1 { border: none; border-width: 0 0 1px; margin: 0 0 1em; }
aside h1 { border-color: #999; border-bottom-style: solid; }

/* javascript */

.add, .cut
{
    border-width: 1px;
    display: block;
    font-size: .8rem;
    padding: 0.25em 0.5em;
    float: left;
    text-align: center;
    width: 0.6em;
}
```

```
.add, .cut
{
    background: #9AF;
    box-shadow: 0 1px 2px rgba(0,0,0,0.2);
    background-image: -moz-linear-gradient(#00ADEE 5%, #0078A5
100%);
    background-image: -webkit-linear-gradient(#00ADEE 5%, #0078A5
100%);
    border-radius: 0.5em;
    border-color: #0076A3;
    color: #FFF;
    cursor: pointer;
    font-weight: bold;
    text-shadow: 0 -1px 2px rgba(0,0,0,0.333);
}

.add { margin: -2.5em 0 0; }

.add:hover { background: #00ADEE; }

.cut { opacity: 0; position: absolute; top: 0; left: -1.5em; }
.cut { -webkit-transition: opacity 100ms ease-in; }

tr:hover .cut { opacity: 1; }

@media print {
    * { -webkit-print-color-adjust: exact; }
    html { background: none; padding: 0; }
    body { box-shadow: none; margin: 0; }
    span:empty { display: none; }
    .add, .cut { display: none; }
}

@page { margin: 0; }
</style>

</head>
<body>

<?php
ob_start();
include ('db.php');
```

```
$pid = $_GET['pid'];

$sql ="select * from payment where id = '$pid' ";
$re = mysqli_query($con,$sql);
while($row=mysqli_fetch_array($re))
{
    $id = $row['id'];
    $title = $row['title'];
    $fname = $row['fname'];
    $lname = $row['lname'];
    $troom = $row['troom'];
    $bed = $row['tbed'];
    $nroom = $row['nroom'];
    $cin = $row['cin'];
    $cout = $row['cout'];
    $meal = $row['meal'];
    $ttot = $row['ttot'];
    $mepr = $row['mepr'];
    $btot = $row['btot'];
    $fintot = $row['fintot'];
    $days = $row['noofdays'];

}

$type_of_room = 0;

if($troom=="Superior Room")
{
    $type_of_room = 320;
}

else
if($troom=="Deluxe Room")
{
    $type_of_room = 220;
}
```

```
else
if($troom=="Guest House")
{
}

$type_of_room = 180;
}
else
if($troom=="Single Room")
{
}

$type_of_room = 150;
}

if($bed=="Single")
{
}

$type_of_bed = $type_of_room * 1/100;
}
else
if($bed=="Double")
{
}

$type_of_bed = $type_of_room * 2/100;
}
else
if($bed=="Triple")
{
}

$type_of_bed = $type_of_room * 3/100;
}
else
if($bed=="Quad")
{
}

$type_of_bed = $type_of_room * 4/100;
}
else
if($bed=="None")
{
}

$type_of_bed = $type_of_room * 0/100;
}

if($meal=="Room only")
```

```

    {
}

$type_of_meal=$type_of_bed * 0;
}

else
if($meal=="Breakfast")
{
}

$type_of_meal=$type_of_bed * 2;
}else
if($meal=="Half Board")
{
}

$type_of_meal=$type_of_bed * 3;
}else
if($meal=="Full Board")
{
}

$type_of_meal=$type_of_bed * 4;
}

?>
<header>
    <h1>Invoice</h1>
    <address>
        <p>SUNRISE HOTEL,</p>
        <p>xyz,<br>golden nest,<br>Mira
road<br>India</p>
        <p>9768*****</p>
    </address>
    <span></span>
</header>
<article>
    <h1>Recipient</h1>
    <address>
        <p><?php echo $title.$fname." ".$lname ?>
<br></p>
        </address>
        <table class="meta">
            <tr>
                <th><span>Invoice #</span></th>
                <td><span><?php echo $id;
?></span></td>
            </tr>
            <tr>

```

```

<th><span>Date</span></th>
<td><span><?php echo $cout; ?>
</span></td>
</tr>

</table>
<table class="inventory">
<thead>
<tr>
<th><span>Item</span></th>
<th><span>No of
Days</span></th>
<th><span>Rate</span></th>
<th><span>Quantity</span></th>
<th><span>Price</span></th>
</tr>
</thead>
<tbody>
<tr>
<td><span><?php echo $troom;
?></span></td>
<td><span><?php echo $days; ?>
</span></td>
<td><span
data-prefix>$</span><span><?php echo $type_of_room;?></span></td>
<td><span><?php echo
$nroom;?> </span></td>
<td><span
data-prefix>$</span><span><?php echo $ttot; ?></span></td>
</tr>
<tr>
<td><span><?php echo $bed; ?>
Bed </span></td>
<td><span><?php echo $days;
?></span></td>
<td><span
data-prefix>$</span><span><?php echo $type_of_bed;?></span></td>
<td><span><?php echo
$nroom;?> </span></td>
<td><span
data-prefix>$</span><span><?php echo $btot; ?></span></td>
</tr>
<tr>
<td><span><?php echo $meal; ?>
meal </span></td>

```

```

                <td><span ><?php echo $days;
?></span></td>
                <td><span
data-prefix>$</span><span ><?php echo $type_of_meal?></span></td>
                <td><span ><?php echo
$room;?> </span></td>
                <td><span
data-prefix>$</span><span ><?php echo $mepr; ?></span></td>
                </tr>
            </tbody>
        </table>

        <table class="balance">
            <tr>
                <th><span >Total</span></th>
                <td><span
data-prefix>$</span><span ><?php echo $fintot; ?></span></td>
                </tr>
                <tr>
                    <th><span >Amount Paid</span></th>
                    <td><span data-prefix>$</span><span
>0.00</span></td>
                </tr>
                <tr>
                    <th><span >Balance Due</span></th>
                    <td><span
data-prefix>$</span><span ><?php echo $fintot; ?></span></td>
                    </tr>
            </table>
        </article>
        <aside>
            <h1><span >Contact us</span></h1>
            <div >
                <p align="center">Email :- info@sunrise.com ||
Web :- www.sunrise.com || Phone :- 9768***** </p>
            </div>
        </aside>
    </body>
</html>
<?php
$free="Free";
$nul = null;
$rpsql = "UPDATE `room` SET `place`='$free',`cusid`='$nul' where
`cusid`='$id'";
if(mysqli_query($con,$rpsql))
{

```

```

$delsql= "DELETE FROM `roombook` WHERE id='$id' ";

if(mysqli_query($con,$delsql))
{
}

?>
<?php
ob_end_flush();
?>

```

- **PROFIT:**

```

<?php
session_start();
if(!isset($_SESSION["user"]))
{
header("location:index.php");
}
?>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
    <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>SUNRISE HOTEL</title>
        <!-- Bootstrap Styles-->
    <link href="assets/css/bootstrap.css" rel="stylesheet" />
        <!-- FontAwesome Styles-->
    <link href="assets/css/font-awesome.css" rel="stylesheet" />

```

```

<link rel="stylesheet" href="assets/css/morris.css">
<script src="assets/js/jquery.min.js"></script>
<script src="assets/js//raphael-min.js"></script>
<script src="assets/js/morris.min.js"></script>

<!-- Custom Styles--&gt;
&lt;link href="assets/css/custom-styles.css" rel="stylesheet" /&gt;
<!-- Google Fonts--&gt;
&lt;link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet'
type='text/css' /&gt;
    &lt;!-- TABLE STYLES--&gt;
    &lt;link href="assets/js/dataTables/dataTables.bootstrap.css" rel="stylesheet" /&gt;
&lt;/head&gt;
&lt;body&gt;
&lt;div id="wrapper"&gt;

    &lt;nav class="navbar navbar-default top-navbar" role="navigation"&gt;
        &lt;div class="navbar-header"&gt;
            &lt;button type="button" class="navbar-toggle" data-toggle="collapse"
data-target=".sidebar-collapse"&gt;
                &lt;span class="sr-only"&gt;Toggle navigation&lt;/span&gt;
                &lt;span class="icon-bar"&gt;&lt;/span&gt;
                &lt;span class="icon-bar"&gt;&lt;/span&gt;
                &lt;span class="icon-bar"&gt;&lt;/span&gt;
            &lt;/button&gt;
            &lt;a class="navbar-brand" href="home.php"&gt;&lt;?php echo $_SESSION["user"];?
&gt; &lt;/a&gt;
        &lt;/div&gt;

        &lt;ul class="nav navbar-top-links navbar-right"&gt;
            &lt;li class="dropdown"&gt;
                &lt;a class="dropdown-toggle" data-toggle="dropdown" href="#" aria-expanded="false"&gt;
                    &lt;i class="fa fa-user fa-fw"&gt;&lt;/i&gt; &lt;i class="fa fa-caret-down"&gt;&lt;/i&gt;
                &lt;/a&gt;
                &lt;ul class="dropdown-menu dropdown-user"&gt;
                    &lt;li&gt;&lt;a href="usersetting.php"&gt;&lt;i class="fa fa-user fa-fw"&gt;&lt;/i&gt; User
Profile&lt;/a&gt;
                    &lt;/li&gt;
                    &lt;li&gt;&lt;a href="settings.php"&gt;&lt;i class="fa fa-gear fa-fw"&gt;&lt;/i&gt;
Settings&lt;/a&gt;
                    &lt;/li&gt;
                    &lt;li class="divider"&gt;&lt;/li&gt;
</pre>

```

```

<li><a href="logout.php"><i class="fa fa-sign-out fa-fw"></i>
Logout</a>
</li>
</ul>
<!-- /.dropdown-user -->
</li>
<!-- /.dropdown -->
</ul>
</nav>
<!--/. NAV TOP -->
<nav class="navbar-default navbar-side" role="navigation">
<div class="sidebar-collapse">
<ul class="nav" id="main-menu">

<li>
<a href="home.php"><i class="fa fa-dashboard"></i> Status</a>
</li>

<li>
<a href="roombook.php"><i class="fa fa-bar-chart-o"></i> Room
Booking</a>
</li>
<li>
<a href="payment.php"><i class="fa fa-qrcode"></i> Payment</a>
</li>
<li>
<a class="active-menu" href="profit.php"><i class="fa fa-qrcode"></i>
Profit</a>
</li>

<li>
<a href="logout.php" ><i class="fa fa-sign-out fa-fw"></i> Logout</a>
</li>

</div>

</nav>
<!-- /. NAV SIDE -->
<div id="page-wrapper" >
<div id="page-inner">
<div class="row">
<div class="col-md-12">
<h1 class="page-header">
Profit Details<small> </small>

```

```
</h1>
</div>
</div>
<!-- /. ROW -->



<?php
    //index.php
    // $connect = mysqli_connect("localhost", "root", "",

"hotel");
    include('db.php');

    $query = "SELECT * FROM payment";
    $result = mysqli_query($con, $query);
    $chart_data = "";
    $tot = 0;
    while($row = mysqli_fetch_array($result))
    {
        $chart_data .= "{ date:\"". $row["cout"]. "\",",
profit: ".$row["fintot"] *10/100 ."}, ";
        $tot = $tot + $row["fintot"] *10/100;
    }
    $chart_data = substr($chart_data, 0, -2);

?>

    <br>
    <br>
    <br>
    <br><div id="chart"></div>

<div class="col-md-12">
    <!-- Advanced Tables -->
    <div class="panel panel-default">
        <div class="panel-body">
            <div class="table-responsive">
                <table class="table table-striped table-bordered table-hover"
id="dataTables-example">
                    <thead>
                        <tr>

<th>ID</th>
                        <th>Name</th>
                        <th>Check in</th>


```

```

<th>Check out</th>
    <th>Room Rent</th>
<th>Bed Rent</th>
<th>Meals </th>
<th>Gr.Total</th>
<th>Profit</th>

        </tr>
    </thead>
    <tbody>

        <?php
            $sql="select
* from payment";
            $re =
mysql_query($con,$sql);
            while($row
= mysqli_fetch_array($re))
{
            $id
= $row['id'];
            if($id % 2 ==1 )
{
                echo"<tr class='gradeC'>
<td>".$row['id']."' </td>
<td>".$row['title']."' ".$row['fname']."' ".$row['lname']."' </td>
<td>".$row['cin']."' </td>
<td>".$row['cout']."' </td>
"
}
}

```

```

<td>".$row['ttot']."'</td>
<td>".$row['mepr']."'</td>
<td>".$row['btot']."'</td>
<td>".$row['fintot']."'</td>
<td>".$row['fintot']*10/100 ."'</td>
</tr>" ;
}

else
{

echo"<tr class='gradeU'>
<td>".$row['id']."'</td>
<td>".$row['title']."' ".$row['fname']."' ".$row['lname']."'</td>
<td>".$row['cin']."'</td>
<td>".$row['cout']."'</td>
<td>".$row['ttot']."'</td>
<td>".$row['mepr']."'</td>
<td>".$row['btot']."'</td>
<td>".$row['fintot']."'</td>
<td>".$row['fintot']*10/100 ."'</td>
</tr>" ;
}

```

```
        }

    }

?>

        </tbody>
        </table>
    </div>

        </div>
        </div>
        <!--End Advanced Tables -->
    </div>
</div>
<!-- /. ROW -->

        </div>

    </div>

</div>
<!-- /. PAGE INNER -->
</div>
<!-- /. PAGE WRAPPER -->
<!-- /. WRAPPER -->
<!-- JS Scripts-->
<!-- jQuery Js -->
<script src="assets/js/jquery-1.10.2.js"></script>
<!-- Bootstrap Js -->
<script src="assets/js/bootstrap.min.js"></script>
<!-- Metis Menu Js -->
<script src="assets/js/jquery.metisMenu.js"></script>
<!-- DATA TABLE SCRIPTS -->
<script src="assets/js/dataTables/jquery.dataTables.js"></script>
<script src="assets/js/dataTables/dataTables.bootstrap.js"></script>
<script>
    $(document).ready(function () {
        $('#dataTables-example').dataTable();
    });
</script>
<!-- Custom Js -->
<script src="assets/js/custom-scripts.js"></script>
```

```
</body>
</html>
<script>
Morris.Bar({
element : 'chart',
data:[<?php echo $chart_data; ?>],
xkey:'date',
ykeys:['profit'],
labels:['Profit'],
hideHover:'auto',
stacked:true
});
</script>
```

### **5.2.2 Code efficiency:**

This web page is developed using HTML, CSS, and JavaScript and PHP. HTML, JS and PHP are used to prepare the main web page for the hotel booking system. CSS is used to make it more attractive and elegant. Customers are always attracted to the attraction we made for them. different types of loading are used for different font styling in it.

## **5.3 Testing Approach:**

### **System Testing:**

During the design stage of the system, testing of the system was done to verify its efficiency and resistance to deliberate errors. This can be done in several stages which include: -

#### **5.3.1 Unit Testing:**

The performance of the individual parts or modules are examined using test data.

#### **5.3.2 Integration Testing:**

The parts are linked together and the test data is used to see if the parts works together. It's the testing of integrated modules to verify combined functionality after integrated.

### **5.3.3 Functional Testing:**

This type of testing ignores the internal parts and focus on the output is as per requirement or not

### **5.4 Modifications and Improvements:**

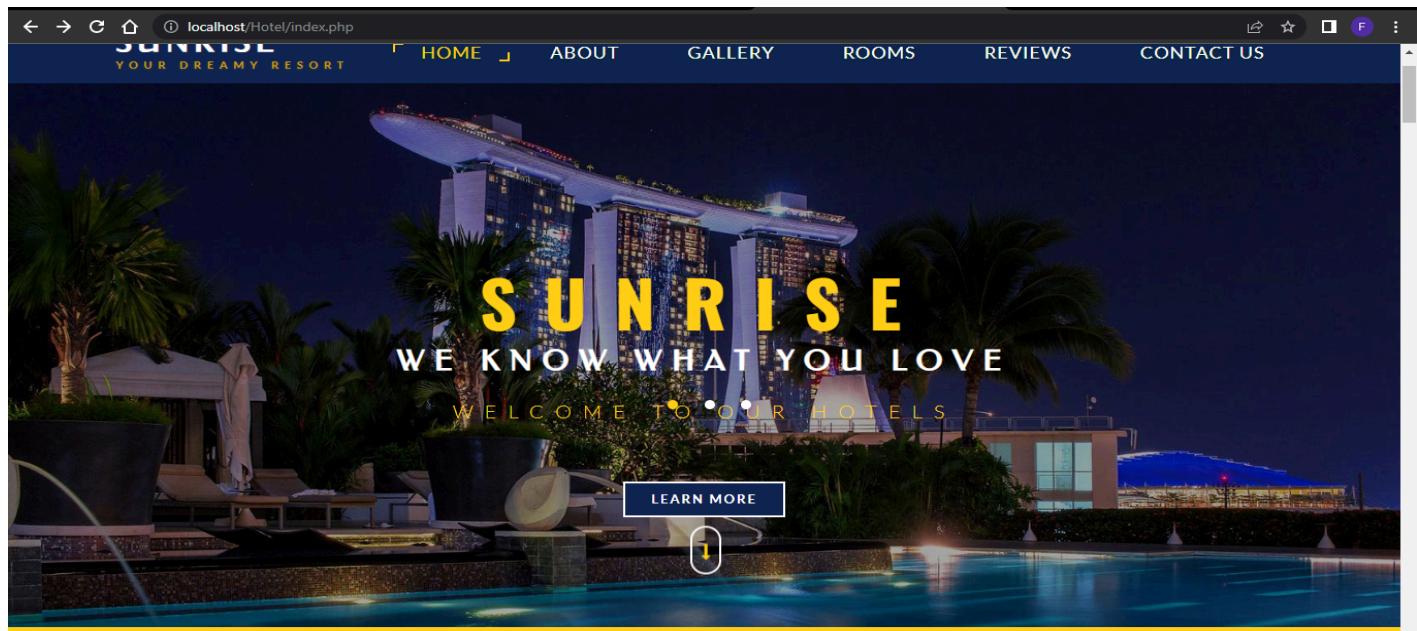
To ensure optimum security, this system can be customized to use facial verification to unlock the user's personal information. This application could also be made available to mobile users. Additionally, this application can be made with a chatbot that can solve user's queries.

## **6. RESULTS AND DISCUSSIONS:**

### **6.1 User Documentation:**

The **HOTEL MANAGEMENT SYSTEM** starts with a **Homepage** where the user can see and learn more about **SUNRISE HOTEL** or select from the other options such as **Room Booking** or **Contact Us**. If the user chooses the room they want to book, they will be directed to a **Reservation Page** where they have to enter their personal details and the type of room they want to book. If they the user has any inquiry or doubt they can contact the hotel through the contact us page. Additionally, the user can also see the **Reviews** on the homepage, left by other customers who stayed at the hotel.

## □ HOMEPAGE:



EXPERIENCE A GOOD STAY, ENJOY FANTASTIC OFFERS

FIND OUR FRIENDLY WELCOMING RECEPTION WITH



localhost/Hotel/index.php

A collage of images: 1. A large image of a modern hotel's exterior at dusk, featuring a swimming pool with lounge chairs. 2. An inset image of a restaurant interior with tables set for dinner. 3. Another inset image of a restaurant interior, showing a different angle with hanging pendant lights. 4. A dark blue callout box with white text: "You'll Love All The Amenities We Offer!"

You'll Love All The Amenities  
We Offer!

Windows taskbar showing various application icons and system status.

localhost/Hotel/index.php

# Our Services

**Stay First, Pay After!**

- Decorated room, proper air conditioned
- Private balcony

**24 Hour Restaurant**

- 24 hours room service
- 24-hour Concierge service

30°C Rain 16:22:18 ENG 09-09-2022

localhost/Hotel/index.php

## □ ROOM BOOKING:

localhost/Hotel/index.php

# Rooms And Rates

			
<b>Deluxe Room</b>	<b>Luxury Room</b>	<b>Guest House</b>	<b>Single Room</b>
<b>₹1000</b>	<b>₹2000</b>	<b>₹7000</b>	<b>₹ 700</b>
<a href="#">Book Now</a>	<a href="#">Book Now</a>	<a href="#">Book Now</a>	<a href="#">Book Now</a>

Windows 10 Taskbar icons: Start, Search, Edge, File Explorer, Pinterest, Task View, Chrome, Netflix, File History.

System tray: Weather (30°C Rain), Battery, Network, ENG, Date (09-09-2022), Chat (2 notifications).

## □ CUSTOMER REVIEW:

localhost/Hotel/index.php

# What Other Visitors Experienced



★★★★★ WORTH TO COME AGAIN

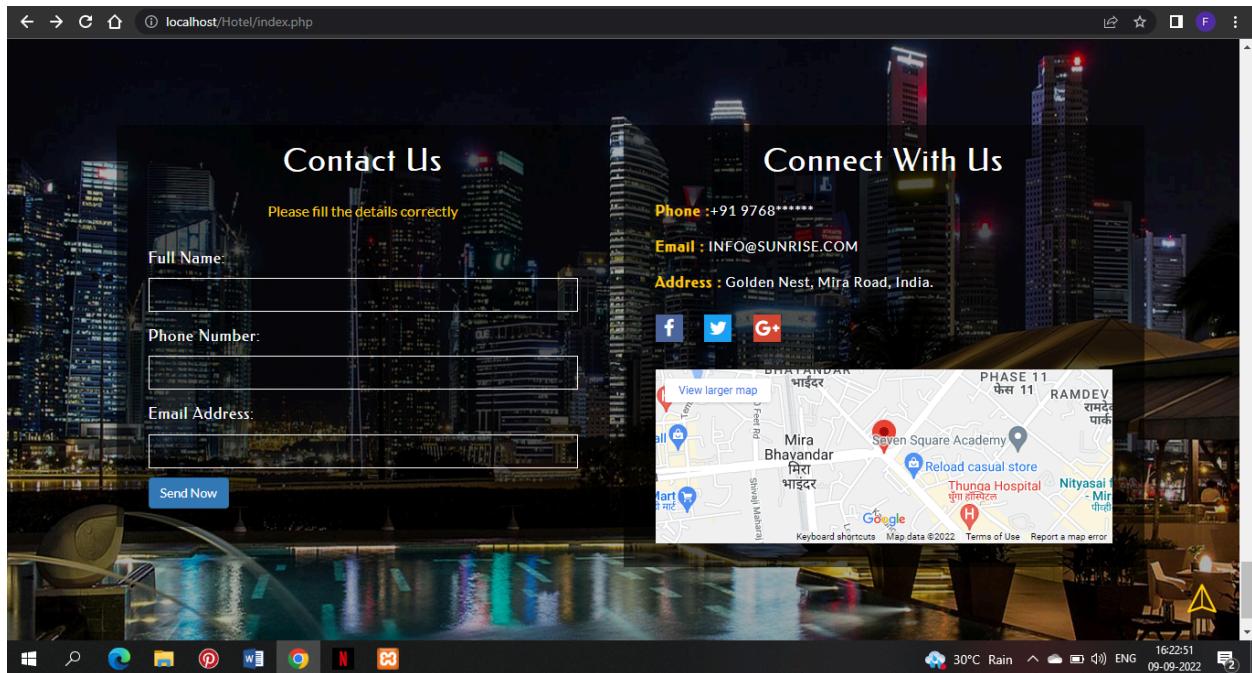
1  
2  
3  
4

Clean rooms, friendly staff, and an excellent location! Overall I would recommend this hotel.

Rohan Singh

Windows taskbar icons: Start, Search, Edge, File Explorer, Pinterest, Word, Chrome, Netflix, and others. Weather: 30°C Rain. Date: 09-09-2022. Time: 16:22:44. Language: ENG.

## □ CONTACT US:



## □ RESERVATION PAGE:

A screenshot of a web browser window showing a reservation form. The URL in the address bar is `localhost/Hotel/admin/reservation.php`. The page title is "RESERVATION". The form is divided into two main sections: "PERSONAL INFORMATION" and "RESERVATION INFORMATION".

**PERSONAL INFORMATION**

- First Name: [Text input field]
- Last Name: [Text input field]
- Email: [Text input field]
- Country\*: [Text input field]
- Phone Number: [Text input field]

**RESERVATION INFORMATION**

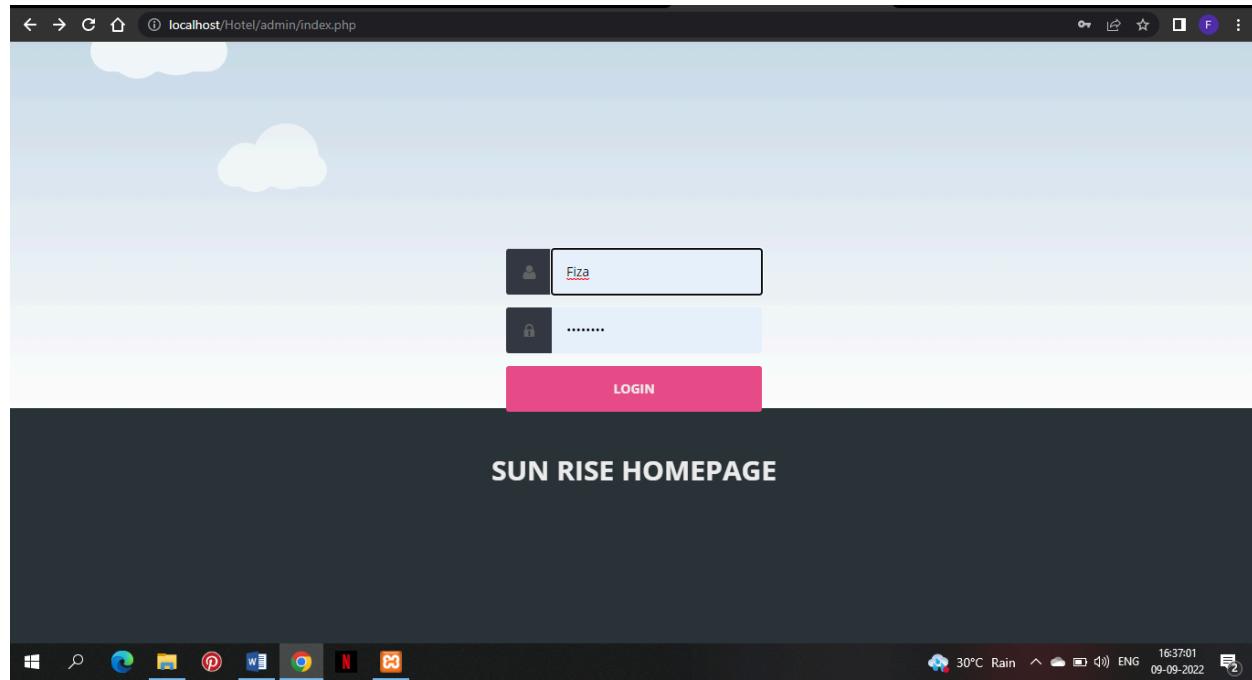
- Type Of Room \*: [Text input field]
- Bedding Type: [Text input field]
- No.of Rooms \*: [Text input field]
- Meal Plan: [Text input field]
- Check-In: [Text input field] (dd-mm-yyyy)
- Check-Out: [Text input field] (dd-mm-yyyy)

The browser interface shows various icons in the toolbar and a taskbar at the bottom with weather information (30°C Rain), system status, and the date (09-09-2022).

## □ VERIFICATION:

A screenshot of a "HUMAN VERIFICATION" form. The text "Type Below this code 1355365271" is displayed above a text input field. Below the input field, the text "Enter the random code" is shown, followed by another text input field and a "Submit" button.

## □ ADMIN LOGIN:



localhost/Hotel/admin/home.php

# FIZA

- Booking Status
- Room Booking
- Payments
- Profit
- Logout

## Status Room Booking

New Room Bookings 3

#	Name	Email	Country	Room	Bed Type	Meal	Check In	Check Out	Status

Booked Rooms 0

30°C Rain 16:37:09 ENG 09-09-2022

localhost/Hotel/admin/home.php

# FIZA

- Booking Status
- Room Booking
- Payments
- Profit
- Logout

## Status Room Booking

New Room Bookings 3

Booked Rooms 0



Fiza

Show Deluxe Room



saakshi

Show Guest House

30°C Rain 16:37:16 ENG 09-09-2022

localhost/Hotel/admin/payment.php

# FIZA

Status Room Booking Payment Profit Logout

## Payment Details

Name	Room type	Bed Type	Check in	Check out	No of Room	Meal Type	Room Price	Bed Price	Meals	Gr.Total	Print
Miss. fiza shaikh	Deluxe Room	Quad	2022-08-19	2022-08-27	1	Breakfast	1760.00	140.80	70.40	1971.20	

Showing 1 to 1 of 1 entries

16:37:21 30°C Rain ENG 09-09-2022

localhost/Hotel/admin/profit.php

Logout

## Profit



200  
150  
100  
50  
0

2022-08-27

ID	Name	Check in	Check out	Room Rent	Bed Rent	Meals	Gr.Total	Profit
2	Miss. fiza shaikh	2022-08-19	2022-08-27	\$1760.00	\$140.80	\$70.40	\$1971.20	\$197.12

Showing 1 to 1 of 1 entries

16:37:29 30°C Rain ENG 09-09-2022

localhost/Hotel/admin/usersetting.php

## MAIN MENU

User Dashboard

### ADMINISTRATOR accounts

User ID	User name	Password	Update	Remove
1	Fiza	fizzy293	<a href="#">Update</a>	<a href="#">Delete</a>

[Add New Admin](#)

Windows taskbar: Task View, File Explorer, Edge, Pinterest, WhatsApp, Google Chrome, Netflix, File Explorer, 30°C Rain, ENG, 16:37:37, 09-09-2022

localhost/Hotel/admin/settings.php

## Room Status

Add Room

Delete Room

### Available Rooms

 Single Superior Room	 Quad Single Room	 Single Deluxe Room	 Double Deluxe Room
 Triple Deluxe Room	 Quad Deluxe Room	 Single Guest House	 Double Guest House
 Quad	 Single	 Double	 Triple

Windows taskbar: Task View, File Explorer, Edge, Pinterest, WhatsApp, Google Chrome, Netflix, File Explorer, 30°C Rain, ENG, 16:37:55, 09-09-2022

## **7.1 CONCLUSION**

Research and development are continuous processes; this is same in computer and software development. However, the effectiveness and efficiency of this new system provide room for further improvement. As early mentioned some of the scope of this project were actualized. The objectives could be improved upon, the online hotel management system developed will offer greater opportunity in Hotel management. All processing of hotel information with regards to reservation, management of hotel activities can be carried out online

## **7.2 Limitations:**

- 1) There is no networking of the hotel's computers to enable data communication at the hotel
- 2) Every employee of the hotel is not identified uniquely by a user name and password to his/her office computer
- 3) The latest versions of antivirus aren't installed and not updated frequently in order to detect the many virus programs that are emerging daily in the IT society.

### **7.3 Future Scope:**

- 1) The hotel server be connected to the internet. In addition, the hotel should have a web site onto which the booking page will be loaded to enable online booking over the internet.
- 2) The system should be troubleshooted and updated to maintain the high competence standards of the system. This is because, being a system, the SUNRISE HOTEL MANAGEMENT SYSTEM is bound to undergo system entropy.
- 3) High security measures should be upheld in order to avoid theft crimes at the hotel.
- 4) Chatbot can be implemented

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