

# **ROOM ON RENT HOTEL SERVICE SYSTEM**

## **A PROJECT REPORT**

**Submitted By**

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

## **MASTER OF COMPUTER APPLICATION**

**Under the Supervision of  
Mr. Praveen Kumar Gupta  
Assistant Professor**



**Submitted to**

**Department of Computer Applications  
KIET Group of Institutions  
Delhi-NCR, Ghaziabad, Uttar Pradesh – 201206  
(June 2023)**

## **DECLARATION**

This is to declare that the project entitled “**Room On Rent Hotel Service System**” submitted by us in partial fulfillment of the requirements for the award of the degree of Master of Computer Application, in the department of MCA of Dr. APJ Abdul Kalam Technical University, is a bona-fide record of the project work carried out by us in college KIET Group of Institutions, Ghaziabad during the period of fourth semester under the supervisor Mr. Praveen Kumar Gupta and that it has not been submitted previously by us at any other university for the award of any degree.

**Vinay Kumar Bhardwaj (2100290140149)**

**Sanya Rastogi (2100290140116)**

**Dushyant (2100290140063)**

**Branch: Master of Computer Application**

**(Candidate Signature)**

## **CERTIFICATE**

Certified that **Vinay Kumar Bhardwaj (2100290140149)**, **Sanya Rastogi (2100290140116)** and **Dushyant (2100290140063)** have carried out the project work having “**Room On Rent Hotel Service System**” for Master of Computer Applications from Dr. A.P.J. Abdul Kalam Technical University (AKTU) (formerly UPTU), Technical University, Lucknow under my supervision. The project report embodies original work, and studies are carried out by the student himself/herself and the contents of the project report do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

**Date:** **Vinay Kumar Bhardwaj (2100290140149)**  
**Sanya Rastogi (2100290140116)**  
**Dushyant (2100290140063)**

This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

**Date:** **Mr. Praveen Kumar Gupta**  
**Associate Professor**  
**Department of Computer Applications**  
**KIET Group of Institutions, Ghaziabad**

**Signature of Internal Examiner**

**Signature of Internal Examiner**

**Dr. Arun Tripathi**  
**Head, Department of Computer Applications**  
**KIET Group of Institutions, Ghaziabad**

## **ABSTRACT**

This is a website of Room on Rent Hotel Service System which can be used by customers over to reserve hotel rooms, read about hotel, check gallery. This website of hotel removes the hectic task of customer and executive fin or searching and booking rooms in hotel.

This system will help the administrative staff, who are executives of the hotel, to keep the daily and the historical record details of the customers in proper database.

The system aims at the maintenance and management of the Hotels database. The system provides the information regarding the Hotels that are available and their status specific to availability. The guests can visit the site with the required information that is expected by the system. Each registered guest can make a request for the unit bookings. The Guests are scheduled with the information of the availability of the units for they have requested the time.

The total front end was dominated by using HTML standards applied with the dynamism of PHP. The communicating client was designed using PHP. At all proper levels, high care was taken to check that the system manages the date consistency with proper business validations. The database connectivity was planned to use the MySQL Database Connectivity, the authorization and authorization were cross-checked at all stages. The user-level accessibility has been restricted to two zones, the administrative and the normal user zone.

## ACKNOWLEDGEMENT

I take this occasion to thank God, almighty for blessing us with his grace and taking our endeavor to a successful culmination. I extend my sincere and heartfelt thanks to our esteemed guide, **Mr. Praveen Kumar Gupta**, for providing me with the right guidance and advice at crucial junctures and for showing me the right way. I extend my sincere thanks to our respected **Head of the Department, Dr. Arun Tripathi**, for allowing us to use the facilities available. I would like to thank the other faculty members also who helped us at various occasions.

Fortunately, I have many understanding friends, who have helped me a lot on many critical conditions. Finally, my sincere thanks go to my family members and all those who have directly and indirectly provided me with moral support and other kinds of help. Without their support, completion of this work would not have been possible in time. They keep my life filled with enjoyment and happiness.

**Vinay Kumar Bhardwaj (2100290140149)**

**Sanya Rastogi (2100290140116)**

**Dushyant (2100290140063)**

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# **CHAPTER 1**

## **INTRODUCTION**

Room On Rent Hotel Service System is an application software where the management of the entire hotel is computerized. The Room on Rent Hotel Service System is designed using PHP as the rich GUI for front end and MySQL Server as the secured backend database.

In this project the details are maintained like customer details, reservation details, booking details and billing details. The reservation process of reserving rooms for the customers, canceling the reserved rooms, booking the rooms, vacating the rooms, the restaurant management, billing process, etc. all are computerized, and the management is done without any difficulty.

In this website hotel bookings and rooms make this system very flexible and convenient. The hotel manager is a busy person and does not have the time to sit and manage the entire activities manually on paper. Hotel management project provides room booking, staff management and other necessary hotel management features. customers can view and book rooms online. Admin has the power of either approving or disapproving the customer's booking request. Other hotel services can also be viewed by the customers and can book them too.

The reports can be viewed completely and the head of management daily or weekly or monthly can review them. For the company auditing it will be more useful. This Proposed System will be interactive, faster, and user-friendly for the end users. Using the hotel management system, the following activities can be performed.

- Room Service    ○ Check In
- Check Out
- Staff Master    ○ Staff Attendance
- Login

### **1.1 Aim**

The mission is to facilitate easy management and administration of a hotel with capabilities to do Booking or reservations of the rooms, Cancellation of the rooms, Cash billing, Room service, Restaurant service, Restaurant Billing, Total Billing, Travels

arrangement etc. Using automated hotel management software. One can keep detailed records or info on an unlimited number of customers. The system lets the user know which rooms are available for occupancy at any point of time. This makes the Booking faster. And thus helps the hotel in better management and reduce a lot of paperwork as well as workforce.

## **1.2 Project Description**

Room On Rent Hotel Service System provides room booking, staff management, and bill generation features. The system will be so simple and attractive which will make the customer comfortable to use and choose their ideal room. The system allows the Owner to check the Progress of the hotel from interactive Graphs and he will be notified of each new change made in System.

**Flexibility:** Ability to add new features to the system and manage them conveniently

**Reliability:** Specify the factors required to establish the required reliability of the software system at time of delivery. Meantime between failures and mean time to recovery

**Security:** Customer Service Representatives Managers and owners will be able to log in to the Hotel Management System. Customer Service Representatives will have access to the Reservation/Booking and sub systems. Managers will have access to the Management subsystem as well as the Reservation/Booking subsystems. The owner has the maximum privilege over all subsystems. Access to the various subsystems will be protected by a user login screen that requires a username and password.

### **What is Room on Rent Hotel Service System?**

Hotel management is about overseeing every operation of the property. This requires knowledge of distribution strategy, finance, customer service, staff management, marketing, and more. In no way should any of these be treated as 'set and forget'. Hotel management is about constantly evaluating performance in every facet of the business and making necessary adjustments.

Effective hotel management will not only ensure your hotel stays in business but is able to profit and grow over time. Think of the hotel as an ecosystem that will get healthier the better you manage it. As your hotel becomes more successful you can upgrade and charge higher rates, pay staff higher wages, and create an experience that guests want to come back for.



It can take time to get everything right, however. There are many skills you will already possess but many others you need to learn along the way, or else hire staff that can provide the knowledge for you.

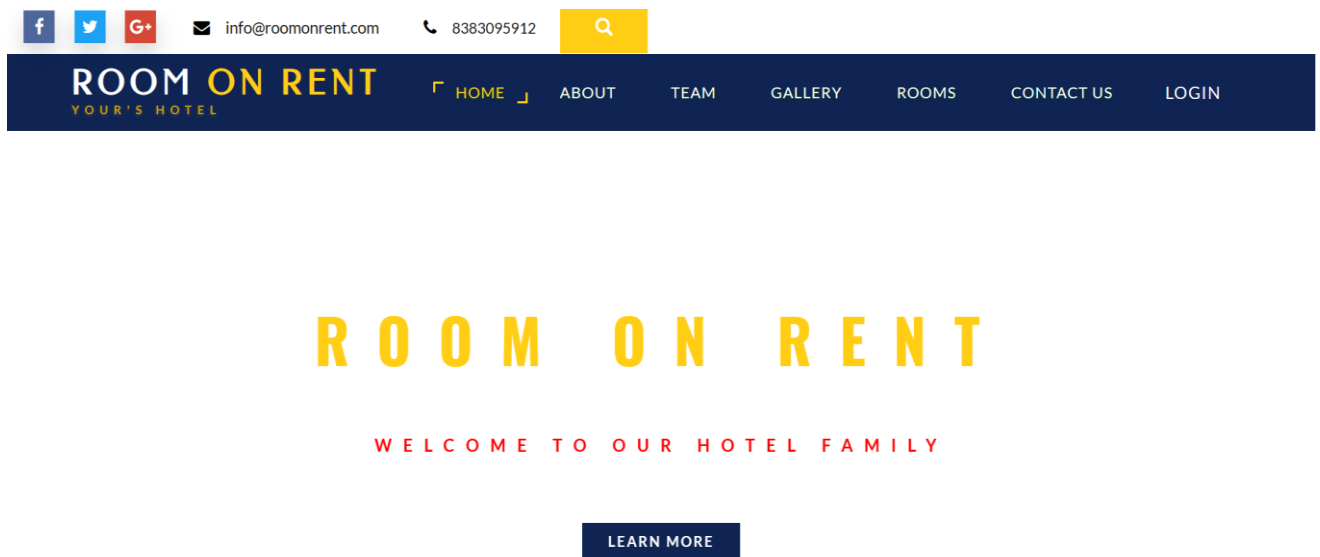
### **How does hotel management work?**

The mission is to facilitate easy management and administration of a hotel with capabilities to do Booking or reservations of the rooms, Cancellation of the rooms, Cash billing, Room service, Restaurant service, Restaurant billing, Total billing, Travels arrangement etc. using the automated hotel management software. One can keep detailed records or info on an unlimited number of customers. The system lets the user know which rooms are available for occupancy at any point of time. This makes the booking considerably faster. And thus helps the hotel in better management and reduce a lot of paperwork as well as manpower.

### **Definition**

Room On Rent Hotel Service System is an application software where the management of entire hotel is computerized. The Room on Rent Hotel Service System is designed using PHP as the rich GUI for front end and MySQL Server as the secured backend database.

In this project the details are maintained like customer details, reservation details, booking details and billing details. The reservation process of reserving rooms for the customers, cancelling the reserved rooms, booking the rooms, vacating the rooms, the restaurant management, billing process, etc. all are computerized, and the management is done without any difficulty.



*Figure 1.1 Hotel*

## 1.2 Project Scope

The software to be developed deals with creating a Room on Rent Hotel Service System which will automate the major hotel operations such as generating COD, billing, and keeping track of records of daily transaction. Admins have the authority to control and modify the database.

The mission is to facilitate easy management and administration of a hotel with capabilities to do Booking or reservations of the rooms, Cancellation of the rooms, Cash billing, Room service, Restaurant service, Restaurant Billing, Total Billing, Travels arrangement etc. using the automated hotel management software. One can Keep detailed records or info on an unlimited number of customers.

The system lets the user Know which all rooms are available for occupancy at any point of time. This makes the Booking faster. And thus helps the hotel in better management and reduce a lot of paperwork as well as workforce.

### **1.3 Hardware & Software Requirements**

- Processor: Multi-core – 1.8 GHz processor or better
- Ram: 4GB RAM
- Hard disk: 80GB
- Operating system: Windows 7, 8 and above
- Front End: Html, CSS, JavaScript
- Back End: PHP, MYSQL

## **CHAPTER 2**

### **FEASIBILITY STUDY**

A feasibility study is a high-level capsule version of the entire System analysis and Design Process. The study begins by classifying the problem definition. Feasibility is to determine if it's worth doing. Once an acceptance problem definition has been generated, the analyst develops a logical model of the system. A search for alternatives is analyzed carefully. There are 3 parts to feasibility study.

#### **2.1 Operational Feasibility**

Operational feasibility is the measure of how well a proposed system solves the problems and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

The operational feasibility assessment focuses on the degree to which the proposed development projects fits in with the existing business environment and objectives about development schedule, delivery date, corporate culture and existing business processes.

To ensure success, desired operational outcomes must be imparted during design and development. These include such design-dependent parameters as reliability, maintainability, supportability, usability, producibility, disposability, sustainability, affordability and others. These parameters are required to be considered at the early stages of design if desired operational behaviors are to be realized.

System design and development require appropriate and timely application of engineering and management efforts to meet the previously mentioned parameters. A system may serve its intended purpose most effectively when its technical and operating characteristics are engineered into the design. Therefore, operational feasibility is a critical aspect of systems engineering that needs to be an integral part of the early design phases.

## **2.2 Technical Feasibility**

This involves questions such as whether the technology needed for the system exists, how difficult it will be to build, and whether the firm has enough experience using that technology. The assessment is based on outline design of system requirements in terms of input, processes, output, fields, programs, and procedures. This can be qualified in terms of volume of data, trends, frequency of updating to give an introduction to the technical system.

The application is the fact that it has been developed on windows XP platform and a high configuration of 1GB RAM on Intel Pentium Dual core processor. This is technically feasible. The technical feasibility assessment is focused on gaining an understanding of the present technical resources of the organization and their applicability to the expected needs of the proposed system. It is an evaluation of the hardware and software and how it meets the need of the proposed system.

## **2.3 Economical Feasibility**

Establishing the cost-effectiveness of the proposed system i.e. If the benefits do not outweigh the cost, then it is not worth going ahead. In the fast-paced world today there is a great need of online social networking facilities. Thus, the benefits of this project in the current scenario make it economically feasible. The purpose of the economic feasibility assessment is to determine the positive economic benefits to the organization that the proposed system will provide. It includes quantification and identification of all the benefits expected. This assessment typically involves a cost/benefits analysis.

## CHAPTER 3

### DATABASE DESIGN

#### 3.1 Database Tables

##### Table name: booking

Column	Type	Index	Description
<b><i>Bookingid</i></b>	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

##### Table name: customer

Column	Type	Index	Description
<b><i>customerid</i></b>	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

## Table name: item

Column	Type	Index	Description
<i>itemid</i>	int(10)	Primary key	Item Id
itemtype	varchar(25)	Not null	Item Type
itemname	varchar(100)	Not null	Item Name
itemcost	float(10,2)	Not null	Item Cost
itemdetails	text	Not null	Item Details
status	varchar(10)	Not null	Status

## Table name: order

Column	Type	Index	Description
<i>orderid</i>	int(10)	Primary key	Order ID
itemid	int(10)	Foreign key	Item ID
bookingid	Int(10)	Foreign key	Booking ID
orderdate	date	Not null	Order Date
qty	Float(10,2)	Not null	Quantity
cost	Float(10,2)	Not null	Cost
status	varchar(10)	Not null	Status

## Table name: employee

Column	Type	Index	Description
<b><i>employeeid</i></b>	int(10)	Primary key	Employee ID
empname	varchar(25)	Not null	Employee Name
loginid	varchar(25)	Not null	Login ID
password	varchar(100)	Not null	Password
emptype	varchar(25)	Not null	Employee Type
status	varchar(10)	Not null	Status

## Table name:expense

Column	Type	Index	Description
<b><i>expenseid</i></b>	int(10)	Primary key	Expense ID
employeeid	int(10)	Foreign key	Employee ID
expensetype	varchar(20)	Not null	Expense Type
expensedescription	text	Not null	Expense Description
expenseamt	float	Not null	Expense Amount
expensedate	date	Not null	Expense Date
status	varchar(10)	Not null	Status



## Table name: payment

Column	Type	Index	Description
<b><i>paymentid</i></b>	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

## Table name: reminder

Column	Type	Index	Description
<b><i>reminderid</i></b>	int(10)	Primary key	Reminder ID
bookingid	int(10)	Foreign key	Booking ID
remindertype	varchar(25)	Not null	Reminder Type
reminderdetail	text	Not null	Reminder Detail
datetime	Datetime	Not null	Date and Time
status	varchar(10)	Not null	Status

## Table name: room

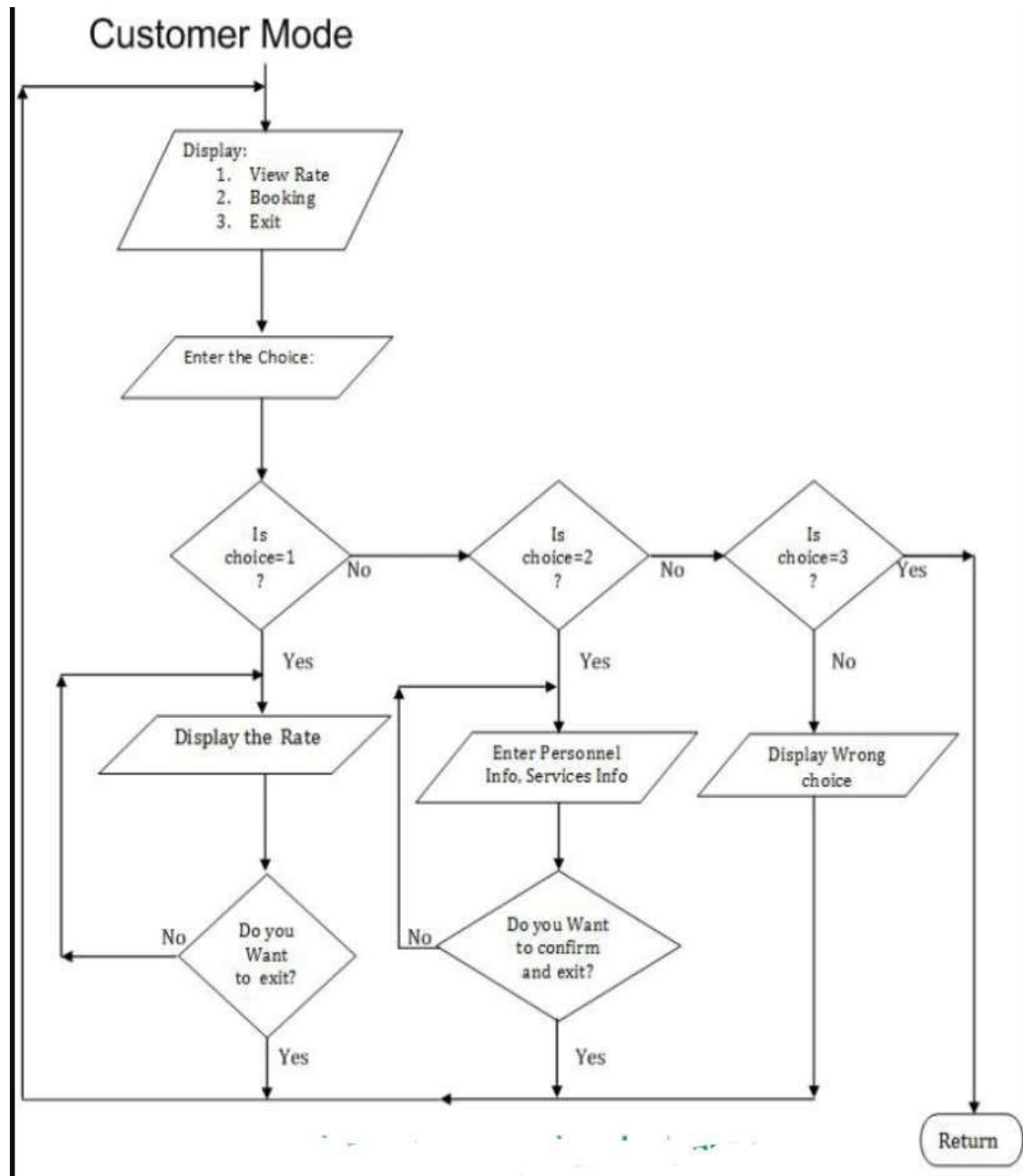
Column	Type	Index	Description
<b><i>Roomid</i></b>	int(10)	Primary key	Room ID
Roomtypeid	Int(10)	Foreign key	Room Type ID
Roomnumber	Varchar(10)	Not null	Room Number
description	text	Not null	Description
status	varchar(10)	Not null	Status

## Table name: roomtype

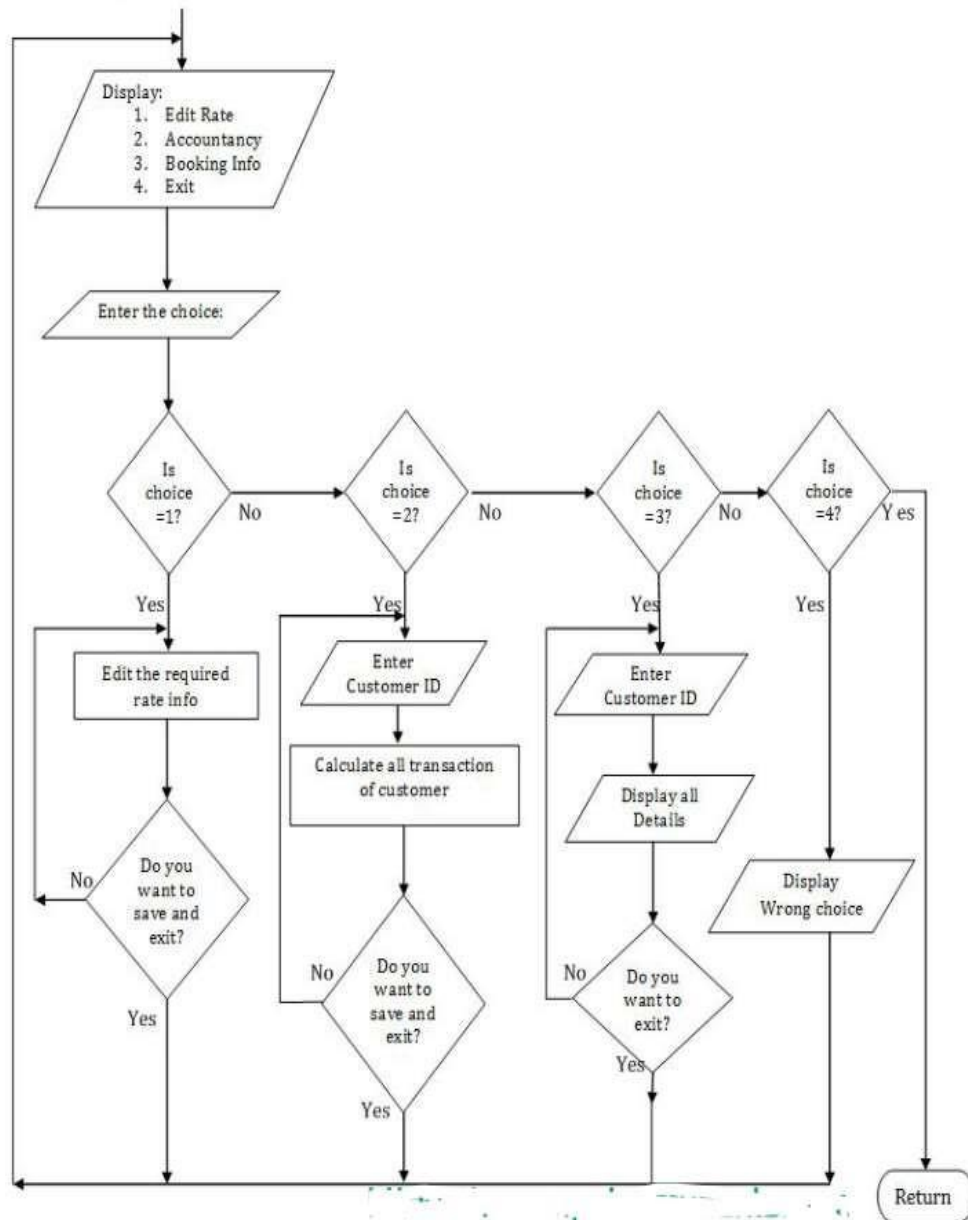
Column	Type	Index	Description
<b><i>roomtypeid</i></b>	int(10)	Primary key	Roomtype ID
roomtype	varchar(100)	Not null	RoomTtype
roomimg	varchar(100)	Not null	Room Image
description	text	Not null	Description
cost	Float(10,2)	Not null	Cost
status	varchar(10)	Not null	Status

### 3.2 Flow Chart:

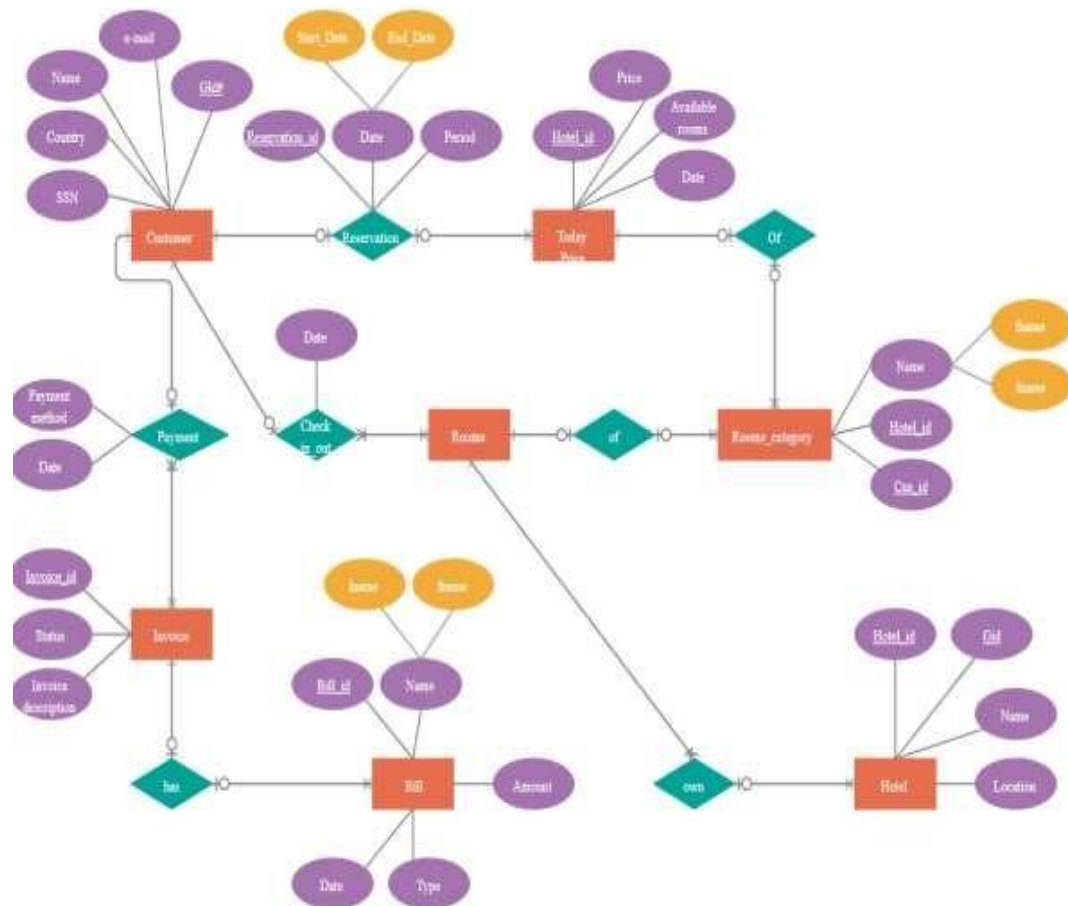
#### 3.2.1 Customer Flow Chart



### 3.2.2 Admin Flow Chart

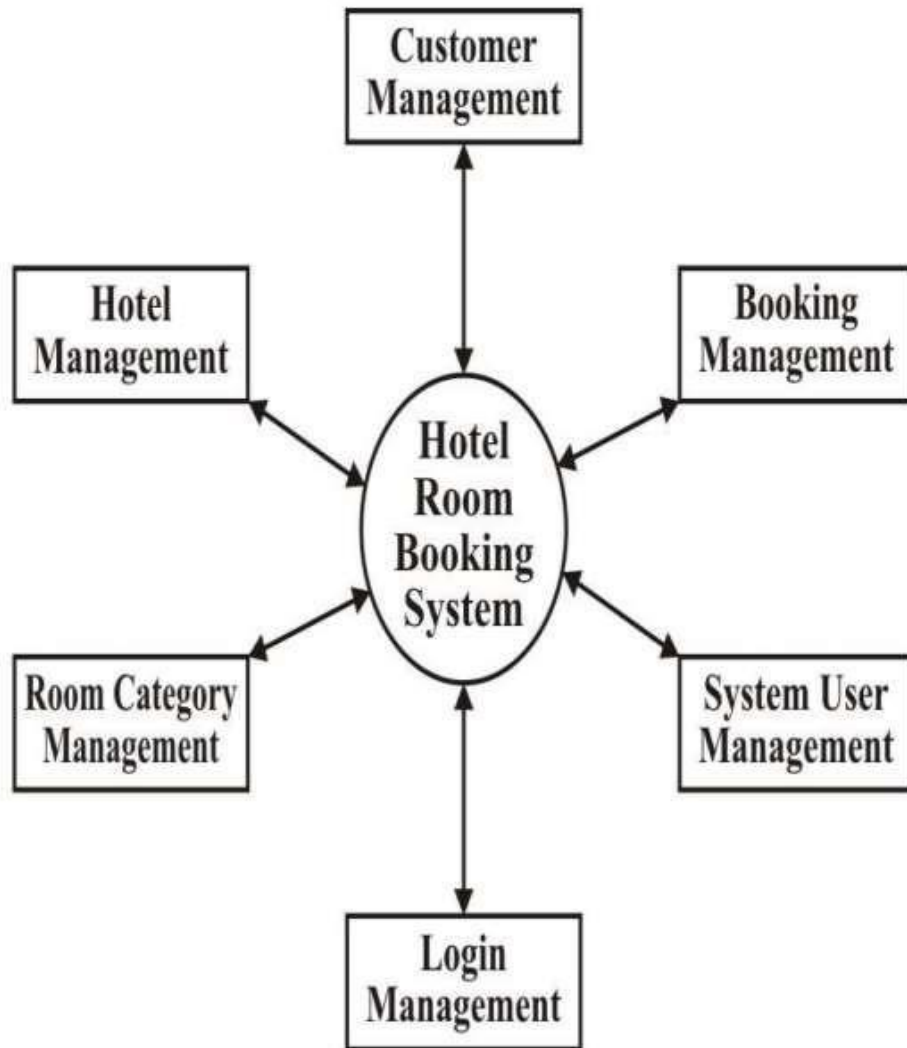


### 3.3 ER Diagram

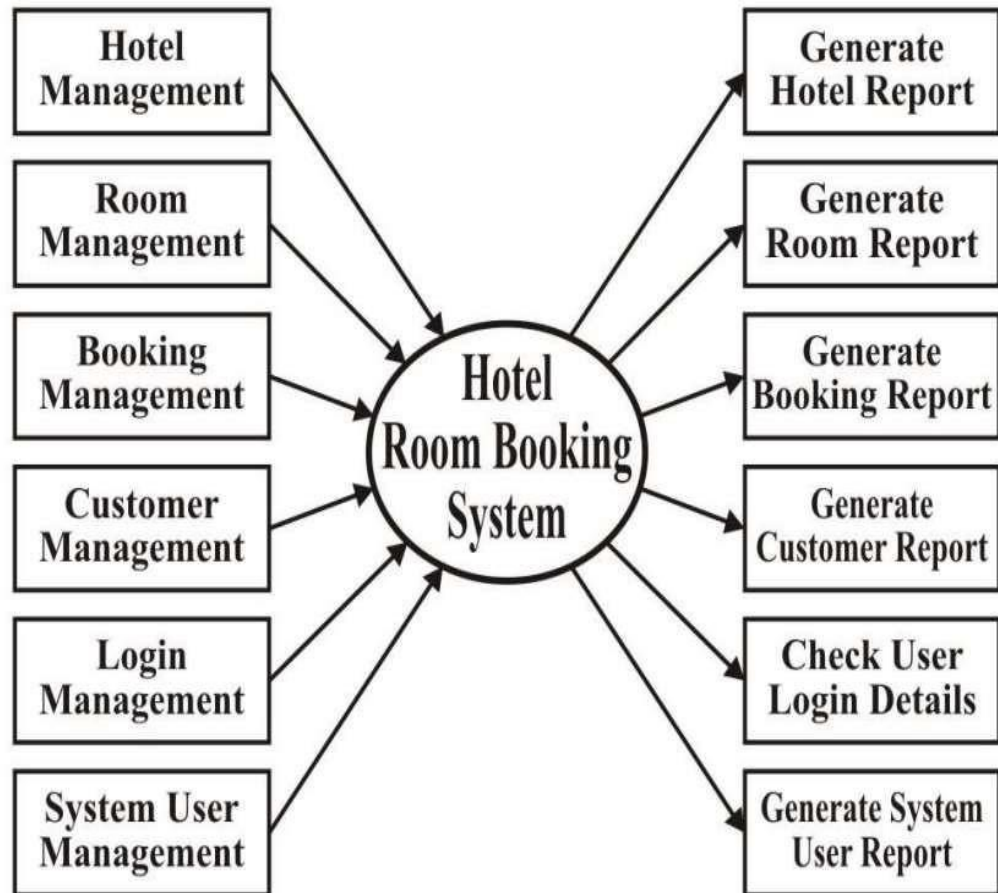


### 3.4 Data Flow Diagram

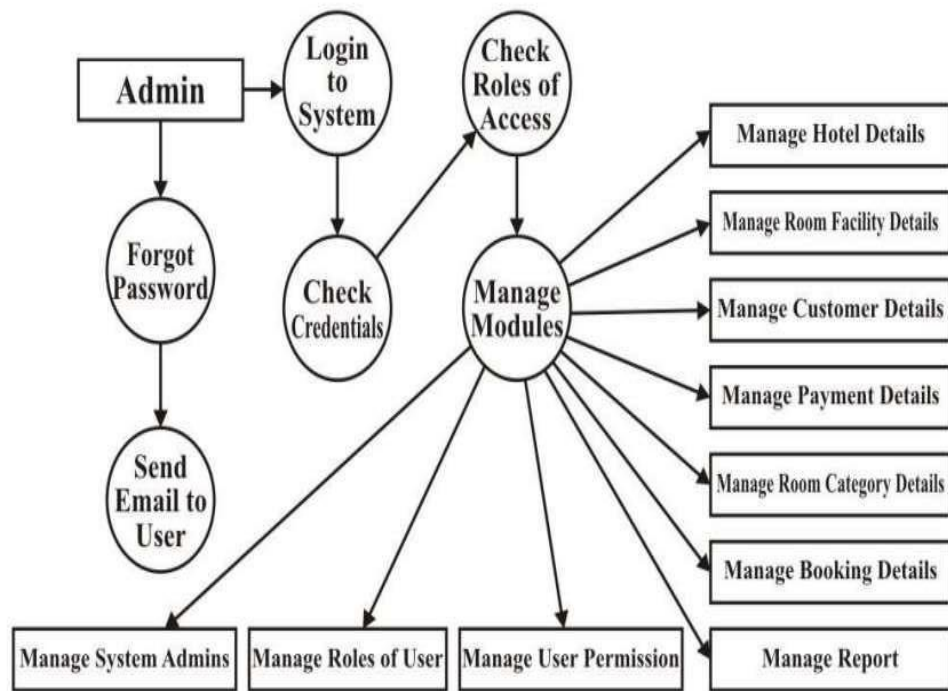
#### 3.4.1 Zero Level DFD



### 3.4.2 First Level DFD

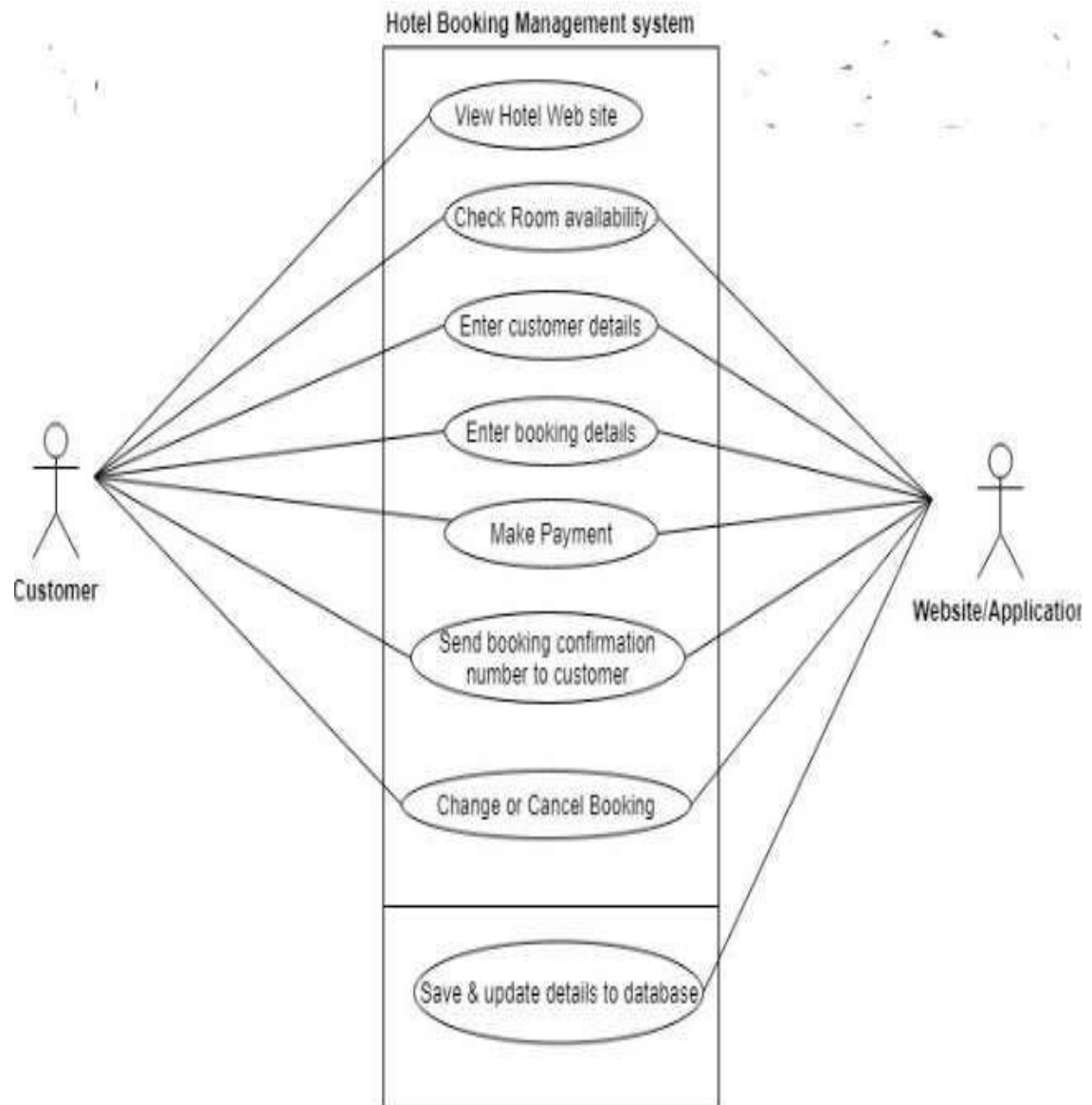


### 3.4.3 Second Level DFD





### 3.5 Use Case Diagram

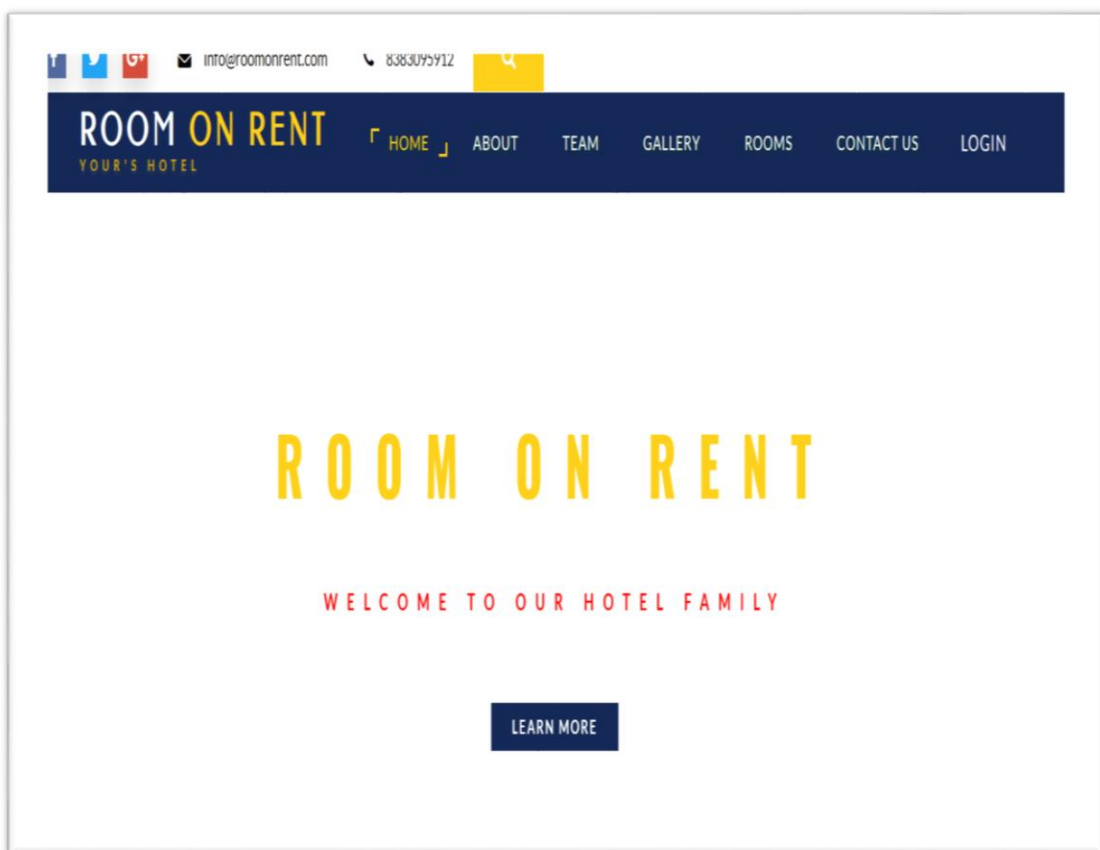


## CHAPTER 4

### FORM DESIGN

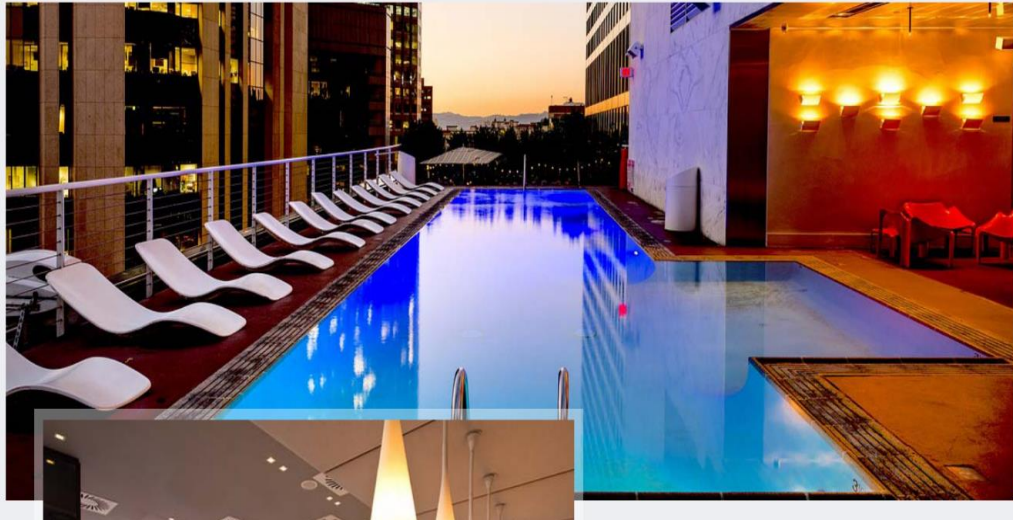
#### 4.1 Input/output Screenshots

##### Home Page



## About

### About Our ROOM ON RENT



## Our Services



### Stay First, Pay After!

- ✓ Decorated room, proper air conditioned
- ✓ Private balcony



### 24 Hour Restaurant

- ✓ 24 hours room service
- ✓ 24-hour Concierge service


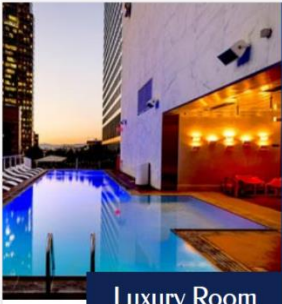


## Our Gallery

## Our Gallery




## Rooms & Rates

## Rooms And Rates

 <p><b>Deluxe Room</b></p> <p>★★★★☆</p> <p><b>Rs 1000</b> <a href="#">Book Now</a></p>	 <p><b>Luxury Room</b></p> <p>★★★★☆</p> <p><b>Rs 1500</b> <a href="#">Book Now</a></p>	 <p><b>Guest House</b></p> <p>★★★★☆</p> <p><b>Rs 800</b> <a href="#">Book Now</a></p>	 <p><b>Single Room</b></p> <p>★★★★☆</p> <p><b>Rs 700</b> <a href="#">Book Now</a></p>
---	---	---	--

## Reviews

### What Other Visitors Experienced



★★★★☆ WORTH TO COME AGAIN

1  
2  
3  
4

"The staff was great. The receptionists were very helpful and answered all our questions."

**Vinay Bhardwaj**  
India

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### Connect With Us

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**Email :** INFO@ROOMONRENT.COM

**Address :** KIET College Ghaziabad

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Asalat Nagar  
असलत नगर

Kiet college ,Puneet room

Dhedha  
धेधा

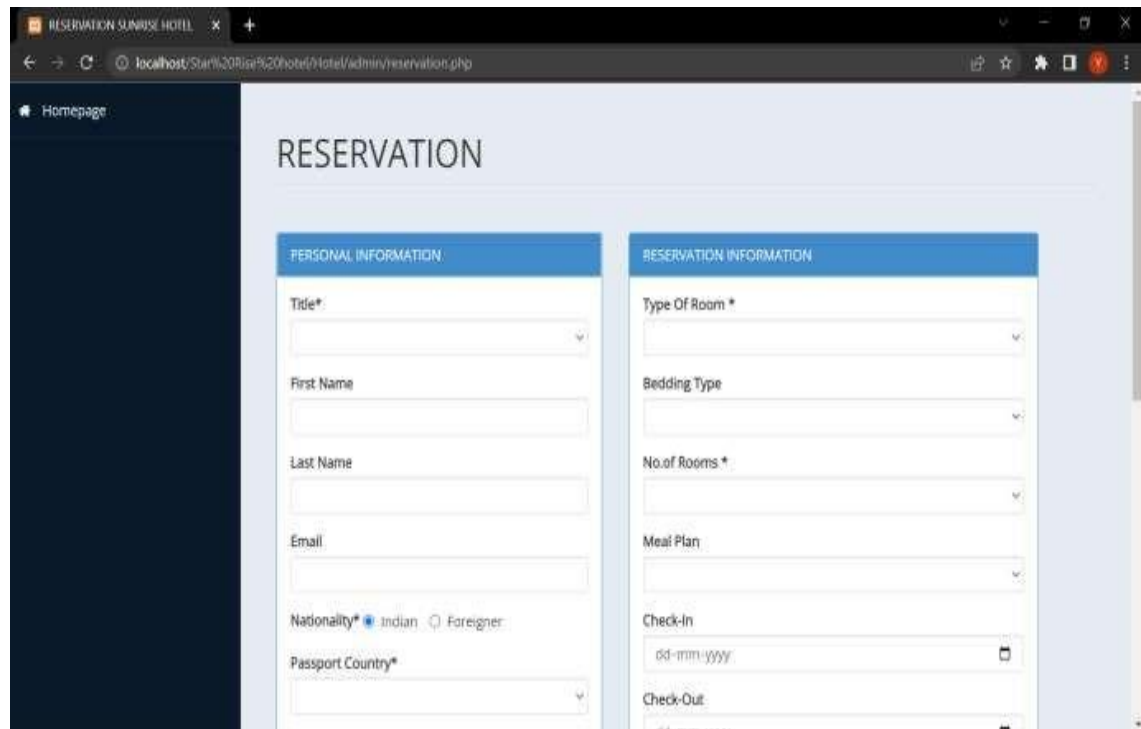
KIET College

KIET SCHOOL OF PHARMACY

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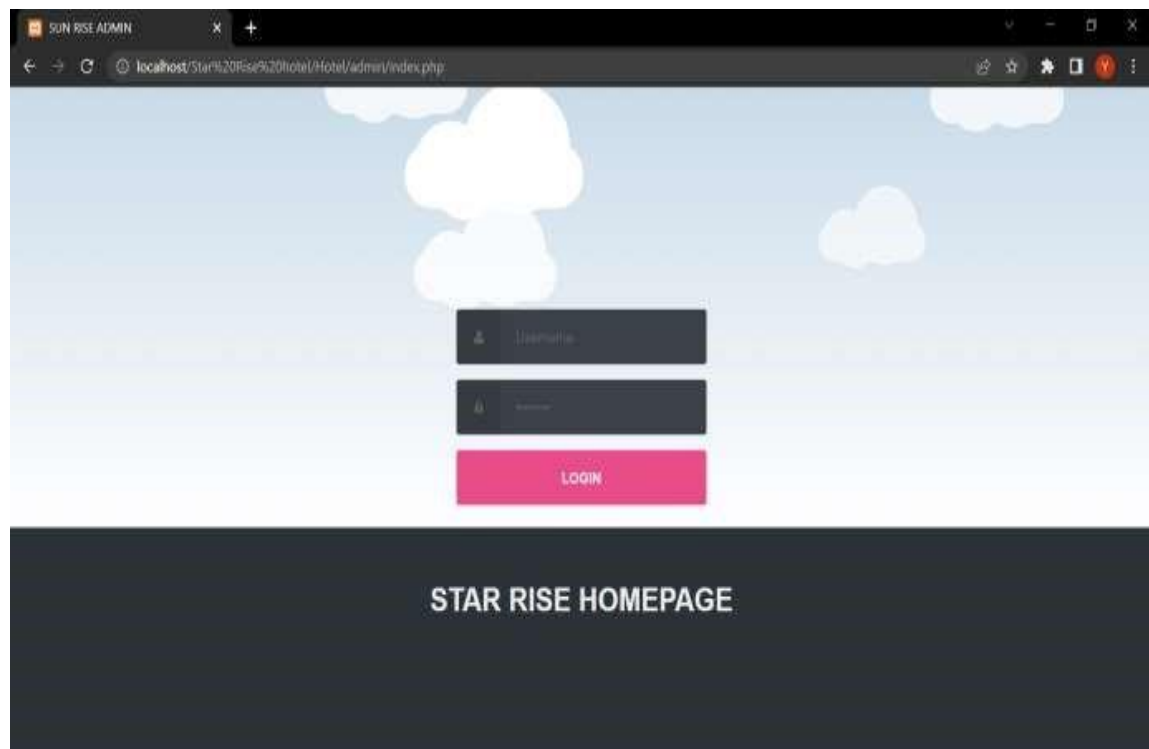
## Reservation Form



The screenshot shows a web browser window with the title "RESERVATION SUNRISE HOTEL". The address bar shows the URL "localhost/Star%20Rise%20Hotel/Hotel/admin/reservation.php". The page has a dark blue sidebar with a "Homepage" link. The main content area is titled "RESERVATION" and contains two columns of form fields.

PERSONAL INFORMATION	RESERVATION INFORMATION
Title* <input type="text"/>	Type Of Room * <input type="text"/>
First Name <input type="text"/>	Bedding Type <input type="text"/>
Last Name <input type="text"/>	No. of Rooms * <input type="text"/>
Email <input type="text"/>	Meal Plan <input type="text"/>
Nationality* <input checked="" type="radio"/> Indian <input type="radio"/> Foreigner	Check-In <input type="text" value="dd-mm-yyyy"/>
Passport Country* <input type="text"/>	Check-Out <input type="text" value="dd-mm-yyyy"/>

## Admin Login



The screenshot shows a web browser window with the title "SUN RISE ADMIN". The address bar shows the URL "localhost/Star%20Rise%20Hotel/Hotel/admin/index.php". The page features a light blue background with white clouds. In the center, there is a login form with two input fields and a login button.

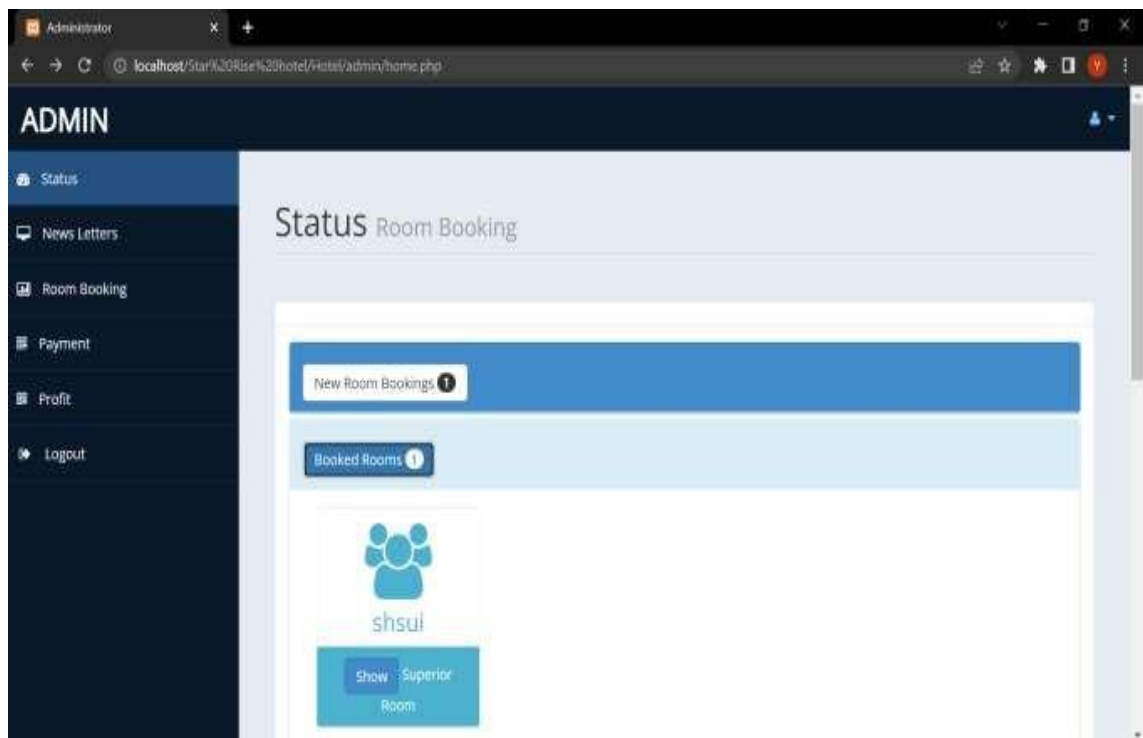
Username

Password

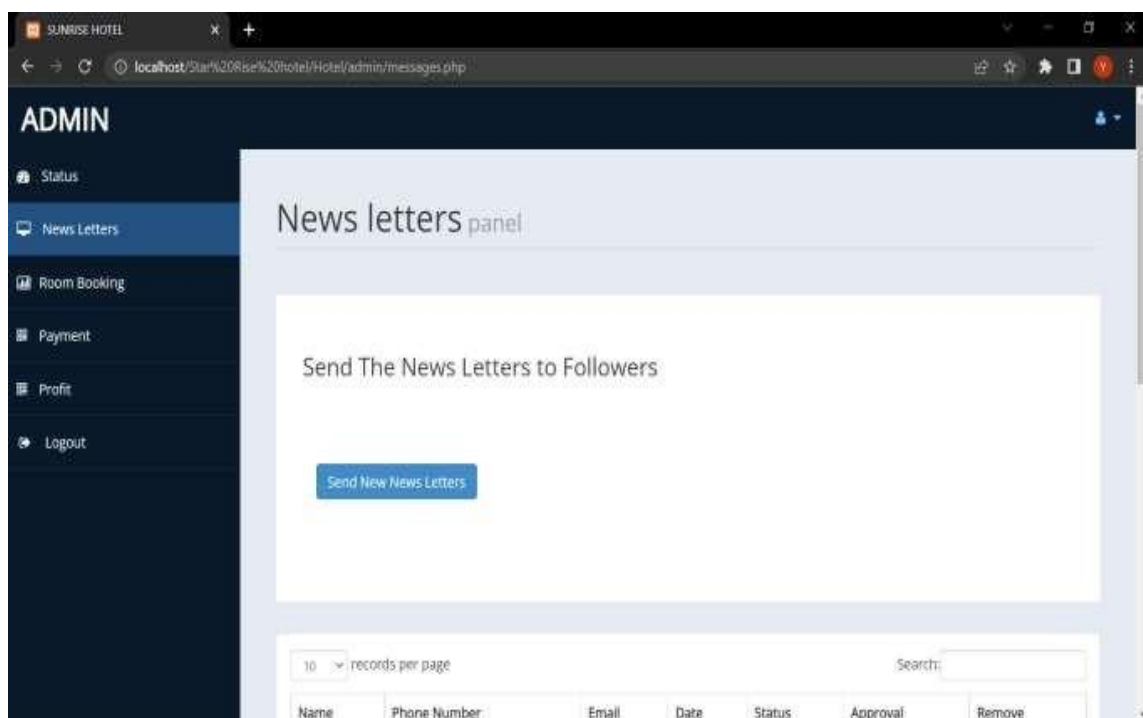
LOGIN

STAR RISE HOMEPAGE

## Room Status



## Newsletter



## Payment Details

**ADMIN**

- Status
- News Letters
- Room Booking
- Payment**
- Profit
- Logout

### Payment Details

10 records per page Search:

Name	Room type	Bed Type	Check in	Check out	No of Room	Meal Type	Room Rent	Bed Rent	Meals	Gr.Total	Print
Dr. ahjashj jwihjs	Superior Room	Single	2022-05-03	2022-05-14	1	Breakfast	3520.00	70.40	35.20	3625.60	<a href="#">Print</a>
Dr. yash mittal	Superior Room	Quad	2022-05-28	2022-05-29	1	Full Board	320.00	51.20	12.80	384.00	<a href="#">Print</a>
Dr. yashihk jaghxja	Superior Room	Single	2022-05-29	2022-05-31	1	Breakfast	640.00	12.80	6.40	659.20	<a href="#">Print</a>
Miss. shsui shifts	Superior Room	Single	2022-05-04	2022-05-20	1	Room only	5120.00	0.00	51.20	5171.20	<a href="#">Print</a>

Showing 1 to 4 of 4 entries

Previous **1** Next

## Payment Invoice

**INVOICE**

STAR RISE HOTEL  
Kiet College Ghaziabad  
(+94) 85 222 44 55

**Dr.yash mittal**

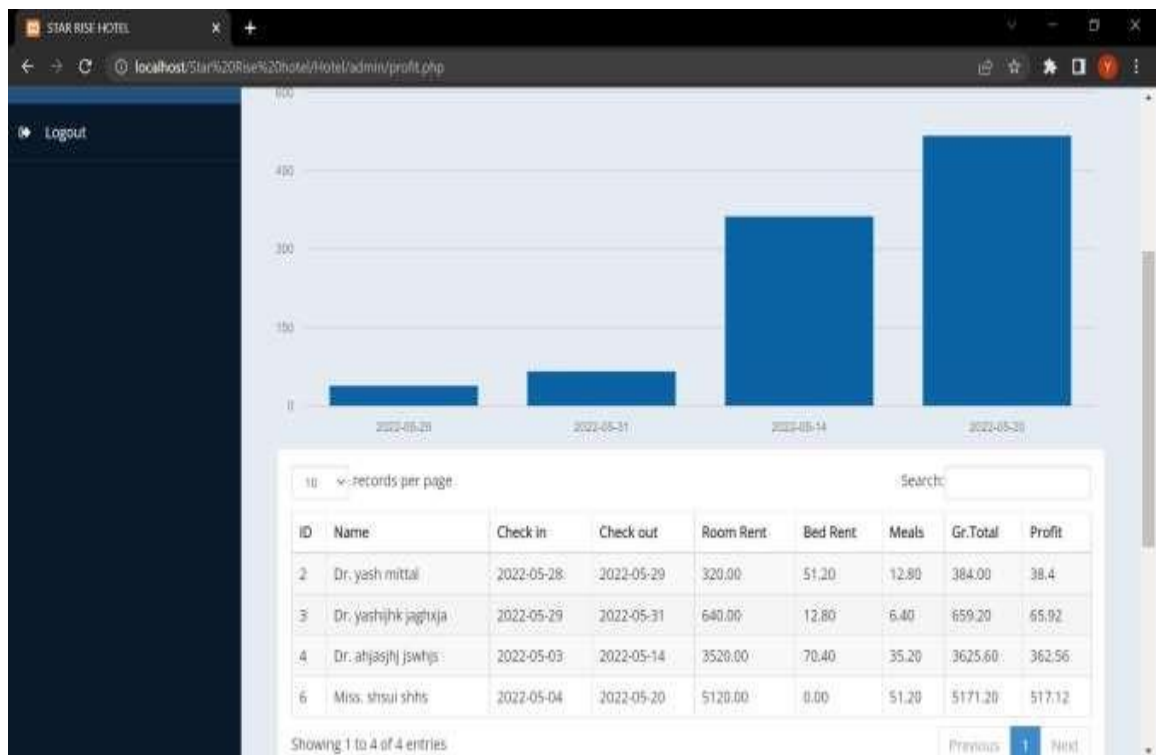
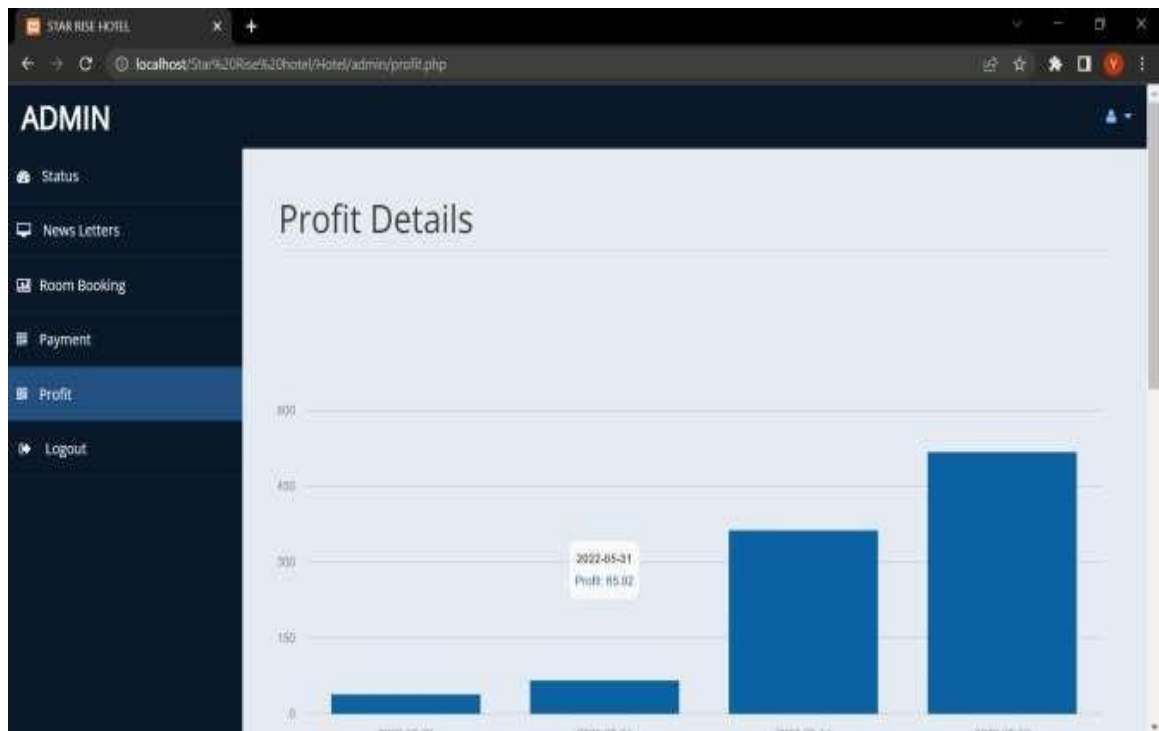
Invoice # 2  
Date 2022-05-28

Item	No of Days	Rate	Quantity	Price
Superior Room	1	Rs 320	1	Rs 320.00
Quad Bed	1	Rs 12.8	1	Rs 12.80
Full Board	1	Rs 51.2	1	Rs 51.20

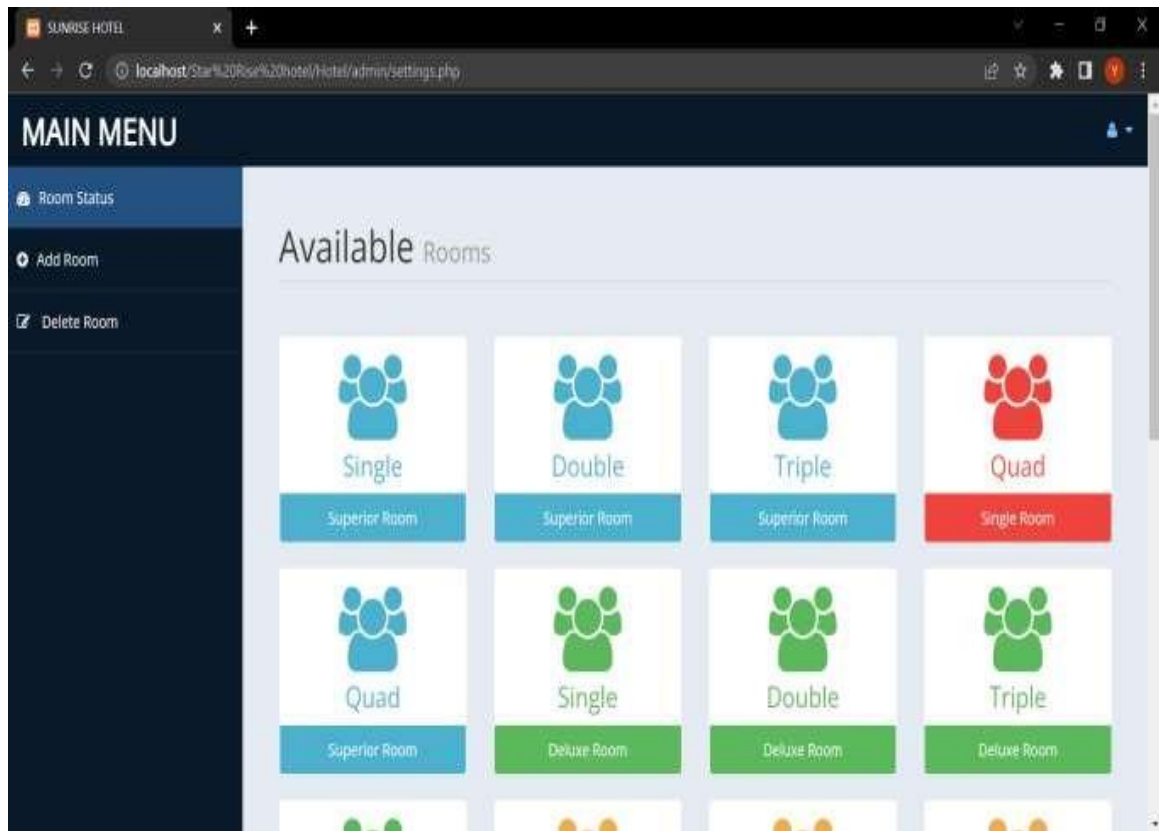
Total Rs 384.00  
Amount Paid Rs 0.00  
Balance Due Rs 384.00



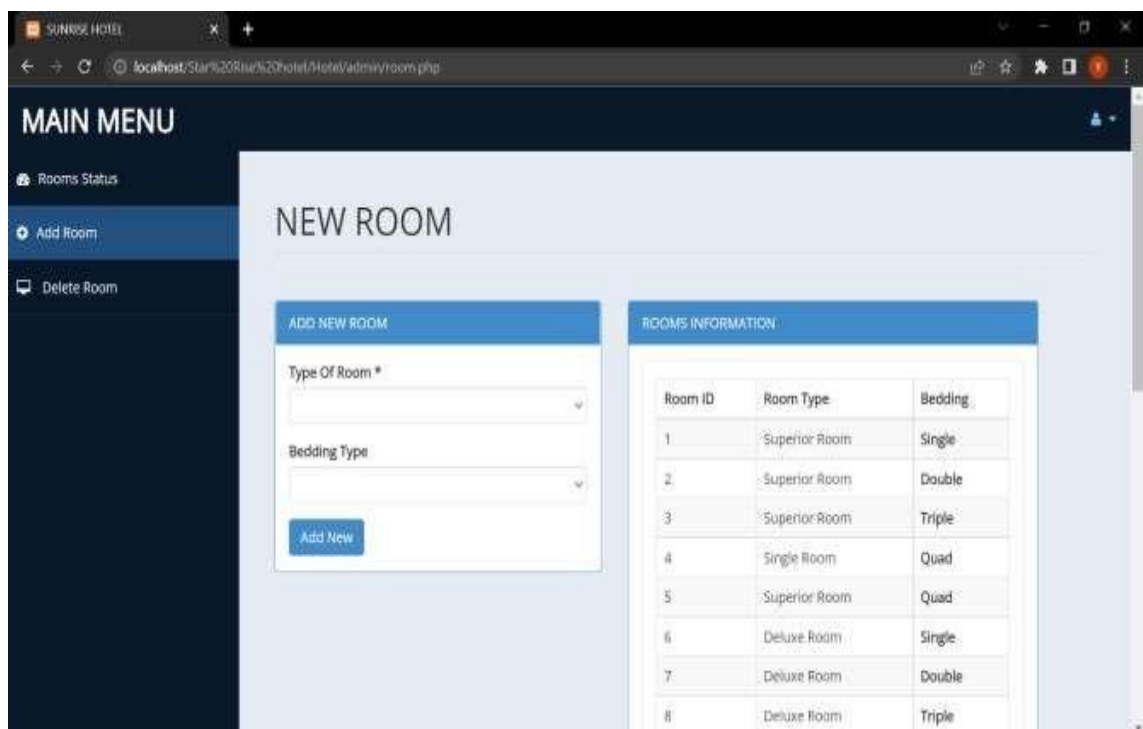
## Profit Details



## Available Rooms



## Add Rooms



## Delete Rooms

The screenshot shows a web browser window with the title 'SUNRISE HOTEL'. The address bar displays 'localhost/Star%20rise%20hotel/Hotel/admin/roomdel.php'. The page features a dark blue sidebar with a 'MAIN MENU' section containing three items: 'Room Status', 'Add Room', and 'Delete Room' (which is highlighted with a blue bar). The main content area is titled 'DELETE ROOM' and contains a form with a blue header 'Delete room'. Below the header is a text input field labeled 'Select the Room ID \*' and a blue 'Delete Room' button. At the bottom of the form, there are four room type options, each with an icon of people and a label: 'Single' (blue icon, 'Superior Room' label), 'Double' (blue icon, 'Superior Room' label), 'Triple' (blue icon, 'Superior Room' label), and 'Quad' (red icon, 'Single Room' label).

## CHAPTER 5

### CODING

#### 5.1 User Zone

##### Index.html

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

<!DOCTYPE html>

<html lang="en">

<head>

<title>STAR &nbsp; RISE HOTEL</title>

<!-- for-mobile-apps -->

<meta name="viewport" content="width=device-width, initial-scale=1">

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<meta name="keywords" content="Resort Inn Responsive , Smartphone
Compatible web template , Samsung, LG, Sony Ericsson, Motorola web
design" />

<script type="application/x-javascript">
addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function
hideURLbar(){ window.scrollTo(0,1); } </script>

<!-- //for-mobile-apps -->

<link href="css/bootstrap.css" rel="stylesheet" type="text/css" media="all"
/>

<link href="css/font-awesome.css" rel="stylesheet">
```

```

<link rel="stylesheet" href="css/chocolat.css" type="text/css"
media="screen">

<link href="css/easy-responsive-tabs.css" rel='stylesheet' type='text/css'/>

<link rel="stylesheet" href="css/flexslider.css" type="text/css"
media="screen" property="" />

<link rel="stylesheet" href="css/jquery-ui.css" />

<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />

<script type="text/javascript" src="js/modernizr-2.6.2.min.js"></script>

<!-- fonts -->

<link href="//fonts.googleapis.com/css?family=Oswald:300,400,700"
rel="stylesheet">

<link href="//fonts.googleapis.com/css?family=Federo" rel="stylesheet">

<link href="//fonts.googleapis.com/css?family=Lato:300,400,700,900"
rel="stylesheet"> <!--//fonts-->

</head>

<body>

<!-- header -->

<div class="banner-top">

<div class="social-bnr-agileits">

<ul class="social-icons3">

<li><a href="https://www.facebook.com/" class="fa fa-facebook icon-
border facebook"> </a></li>

<li><a href="https://twitter.com/" class="fa fa-twitter icon-border twitter">
</a></li>

<li><a href="https://plus.google.com/u/0/" class="fa fa-google-plus icon-
border googleplus"> </a></li>

</ul>

</div>

<div class="contact-bnr-w3-agile">

```

<ul>

<li><i class="fa fa-envelope" aria-hidden="true"></i><a href="mailto:info@example.com">INFO@STARRISE.COM</a></li>  
<li><i class="fa fa-phone" aria-hidden="true"></i>+94 (65)222-44-55</li>

<li class="s-bar">

<div class="search">

<input class="search\_box" type="checkbox" id="search\_box">

<label class="icon-search" for="search\_box"><span class="glyphicon glyphicon-search" aria-hidden="true"></span></label> <div class="search\_form">

<form action="#" method="post">

<input type="search" name="Search" placeholder=" " required=" " />

</div>

</div>

5; text-decoration: none; background-color: #f5f5f5;

}

.list-group-item.disabled,

.list-group-

item.disabl

ed: hover,

.list-group-

item.disabl

ed: focus {

color:

#777;

cursor: not-

```

allowed;

background-color:
d-color:
#eee;
}

.list-group-item.disabled .list-group-item-heading,
.list-group-item.disabled:hover .list-group-
item-heading, .list-group-
item.disabled:focus .list-group-item-heading
{ color: inherit;
}

.list-group-item.disabled .list-group-item-text,
.list-group-item.disabled:hover .list-
group-item-text, .list-group-
item.disabled:focus .list-group-item-text
{ color: #777;
}

.list-group-item.active,
.list-group-item.active:hover,
.list-group-item.active:focus {

background-color:
#337ab7; border-
color: #337ab7;
}

Usersetting.php

```

```

<?php
session_start();

if(!isset($_SESSION["user"]))

{

    header("location:index.php");

}


ob_start();

?>

<!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' />

```



```

    <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" datatarget=".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="#"
ariaexpanded="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 -->

    <td><button class='btn btn-primary btn' data-toggle='modal' data-
target='#myModal'>

    Update

        </button></td>

    <td><a href=usersettingdel.php?eid=".$id ." <button class='btn btn-danger'>
<i class='fa faedit' ></i> Delete</button></td>

</tr>";

}

}

?>

    </tbody>

</table>

</div>

```

```

        </div>

    </div>

    <!--End Advanced Tables -->

<div class="panel-body">

    <button class="btn btn-primary btn" data-toggle="modal"
    datatarget="#myModal1">

Add New Admin

    </button>

    <div class="modal fade" id="myModal1" tabindex="-1"
    role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">

        <div class="modal-dialog">

            <div class="modal-content">

                <div class="modal-header">

                    <button type="button" class="close" data-
    dismiss="modal" ariahidden="true">&times;</button>

                    <h4 class="modal-title"
    id="myModalLabel">Add the User name and Password</h4>

                </div>

                <form method="post">

                    <div class="modal-body">

                        <div class="form-group">

                            <label>Add new User name</label>

                            <input name="newus" class="form-control"
    placeholder="Enter
    User name">

                        </div>

                    </div>

                </div>

            </div>

        </div>

```

Usersettingdel.php

```

<?php

include ('db.php');

$id=$_GET['eid'];

$newsql="DELETE FROM `login` WHERE id ='$id' ";

if(mysqli_query($con,$newsql))

{

echo' <script language="javascript" type="text/javascript"> alert("User name
and password Added") </script>';

}

header ("Location: usersetting.php");

?>

```

## Style.css

```

/* CSS Document */

/* ----- FONTAWESOME ----- */

/* ----- https://fontawesome.github.com/Font-Awesome/ ----- */

/* ----- http://weloveiconfonts.com/ ----- */

@import url(http://weloveiconfonts.com/api/?family=fontawesome);

/* ----- ERIC MEYER'S RESET CSS ----- */

/* ----- https://meyerweb.com/eric/tools/css/reset/ ----- */

@import url(https://meyerweb.com/eric/tools/css/reset/reset.css);

/* -----

FONTAWESOME -----

-- */

[class*="fontawesome-

"]:before { font-family:

'FontAwesome', sans-serif;

```

```
}
```

```
/* ----- GENERAL ----- */
```

```
* {
```

```
  -moz-box-sizing:
```

```
border-box;    box-
```

```
sizing: border-box;
```

```
}
```

```
*:before, *:after {
```

```
  -moz-box-sizing:
```

```
border-box;    box-
```

```
sizing: border-box;
```

```
}
```

```
body { background: #2c3338; color: #606468;
```

```
font: 87.5%/1.5em
```

```
'Open Sans', sans-serif;
```

```
margin: 0; overflow-
```

```
y:auto !important;
```

```
overflow-x:hidden
```

```
!important;
```

```
}
```

```
a { color: #eee; text-decoration: none;
```

```
}
```

```
a:hover { text-decoration: underline;
}
```

```
input { border: none;
font-family: 'Open
Sans', Arial, sans-serif;
font-size: 14px; line-
height: 1.5em;
padding: 0;
-webkit-appearance: none;
}
```

```
p {
```

```
}
```

```
line-height: 1.5em;
```

```
.clearfix {
```

```
  *zoom: 1;
```

```
}
```

```
.clearfix:before, .clearfix:after { content: ''; display:  
table;
```

```
}
```

```
.clearfix:after { clear: both;
```

```
}
```

```
.container { left: 50%; position: absolute;
```

```
top: 50%;
```

```
  -webkit-transform: translate(-50%, -50%);  -ms-transform: translate(-  
50%, -50%);      transform: translate(-50%, -50%);
```

```
}
```

```
/* ----- LOGIN ----- */
```

```
#login {
```

```
  width: 280px;
```

```
#login form span { background-color: #363b41; border-  
radius: 3px 0px 0px 3px; color: #606468; display: block;
```

```
}
```

```
float: left;  
height: 50px; line-height: 50px; text-align: center;  
width: 50px;  
}
```

```
#login form input { height: 50px;  
}
```

```
#login form input[type="text"], input[type="password"] { background-color: #3b4148;  
border-radius: 0px 3px 3px 0px; color: #606468; margin-bottom: 1em; padding: 0  
16px;  
  
width: 230px;
```

```
#login form input[type="submit"] { border-radius: 3px;  
-moz-border-radius: 3px; -webkit-border-radius: 3px; background-color:  
#ea4c88;  
color: #eee; font-weight: bold; margin-bottom: 2em;  
text-transform: uppercase; width: 280px;  
}
```

```
#login form input[type="submit"]:hover { background-color: #d44179;  
}
```



```
}
```

```
#login > p { text-align: center;
```

```
}
```

```
#login > p span { padding-left: 5px;
```

```
}
```

```
/*Lets start with the cloud formation rather*/
```

```
/*The container will also serve as the SKY*/
```

```
*{ margin: 0; padding: 0;}
```

```
#clouds{ padding: 50px 0; background: #c9dbe9; background:  
-webkit-linear-gradient(top, #c9dbe9 0%, #fff 100%);  
background: -linear-gradient(top, #c9dbe9 0%, #fff 100%);  
background: -moz-linear-gradient(top, #c9dbe9 0%, #fff  
100%);  
}
```

```
/*Time to finalise the cloud shape*/
```

```
.cloud { width:  
200px; height: 60px;  
background: #fff;
```

```
border-radius: 200px;  
-moz-border-radius: 200px;  
-webkit-border-radius: 200px;
```

```
position: relative;  
}
```

```

.cloud:before, .cloud:after {
content: ""; position: absolute;
background: #fff; width: 100px;
height: 80px; position: absolute;
top: -15px; left: 10px;

border-radius: 100px;
-moz-border-radius: 100px;
-webkit-border-radius: 100px;

-webkit-transform: rotate(30deg);
transform: rotate(30deg);
-moz-transform: rotate(30deg);
}

.cloud:after { width: 120px;
height: 120px; top: -55px;
left: auto; right: 15px;
}

/*Time to animate*/
.x1 {
-webkit-animation: moveclouds 15s linear infinite;
-moz-animation: moveclouds 15s linear infinite;
-o-animation: moveclouds 15s linear infinite;
}

```

```
/*variable speed, opacity, and position of clouds for realistic effect*/
```

```
.x2
```

```
{
```

```
left:
```

```
200
```

```
px;
```

```
-webkit-transform: scale(0.6); -moz-
```

```
transform: scale(0.6); transform:
```

```
scale(0.6); opacity: 0.6; /*opacity
```

```
proportional to the size*/
```

```
/*Speed will also be proportional to the size and opacity*/
```

```
/*More the speed. Less the time in 's' = seconds*/
```

```
-webkit-animation: moveclouds 25s linear infinite;
```

```
-moz-animation: moveclouds 25s linear infinite;
```

```
-o-animation: moveclouds 25s linear infinite;
```

```
}
```

```
.x3 { left: -250px;
```

```
top: -200px; -
```

```
webkit-transform:
```

```
scale(0.8); -moz-
```

```
transform:
```

```
scale(0.8);
```

transform:

scale(0.8);

opacity: 0.8;

/\*opacity

proportional to

the size\*/

-webkit-animation: moveclouds 20s linear infinite;

-moz-animation: moveclouds 20s linear infinite;

-o-animation: moveclouds 20s linear infinite;

}

.x4 {

left: 470px; top: -250px;

-webkit-transform: scale(0.75); -moz-

transform: scale(0.75); transform:

scale(0.75); opacity: 0.75; /\*opacity

proportional to the size\*/

-webkit-animation: moveclouds 18s linear infinite;

-moz-animation: moveclouds 18s linear infinite;

-o-animation: moveclouds 18s linear infinite;

}

```

.x5 { left: -150px;
top: -150px; -
webkit-transform:
scale(0.8); -moz-
transform:
scale(0.8);
transform:
scale(0.8);
opacity: 0.8;
/*opacity
proportional to
the size*/

-webkit-animation: moveclouds 20s linear infinite;
-moz-animation: moveclouds 20s linear infinite;
-o-animation: moveclouds 20s linear infinite;
}

@-webkit-keyframes moveclouds {
0% {margin-left: 1000px;}
100% {margin-left: -1000px;}
}

@-moz-keyframes moveclouds {
0% {margin-left: 1000px;}
100% {margin-left: -1000px;}
}

```

```

@-o-keyframes moveclouds {
0% {margin-left: 1000px;}
100% {margin-left: -1000px;}
}

.bottom {
width:100%; margin:0 auto; text-align:center; padding:10px 0;
height:100px; position:absolute;
}

.bottom h3 {color:white; font-size:30px; font-weight:bold; margin-top:45px;
paddingbottom:45px;}

.blue { color:#09c;}

```

#### Flexslider.css

```

/*
*   jQuery FlexSlider v2.0
*   http://www.woothemes.com/flexslider/
*
*   Copyright 2012 WooThemes
*   Free to use under the GPLv2 license.
*   http://www.gnu.org/licenses/gpl-2.0.html
*
*   Contributing author: Tyler Smith (@mbmufffin)
*/

/* Browser Resets */
.flex-container a:active,
.flexslider a:active,

```

```

.flex-container a:focus,

.flexslider a:focus {outline: none;}

.slides,

.flex-control-nav,

.flex-direction-nav {margin: 0; padding: 0; list-style: none;}

/* FlexSlider Necessary Styles
*****/

.flexslider .slides > li {display: none; -webkit-backface-visibility: hidden;} /* Hide the
slides before the JS is loaded. Avoids image jumping */

.flexslider .slides img {display: block;}

.flex-pauseplay span {text-transform: capitalize;}

/* Clearfix for the .slides element */

.slides:after {content: "."; display: block; clear: both; visibility: hidden; line-height:
0; height: 0;} html[xmlns] .slides {display: block;}

*    html .slides {height: 1%;}

/* No JavaScript Fallback */

/* If you are not using another script, such as Modernizr, make sure you
*    include js that eliminates this class on page load */

.no-js .slides > li:first-child {display: block;}

/* FlexSlider Default Theme
*****/

.flexslider {
border: 0px;
position: relative;

```



```

zoom: 1;

}

.flex-viewport {max-height: 2000px; -webkit-transition: all 1s ease; -moz-transition: all
1s ease; transition: all 1s ease;}

.loading .flex-viewport {max-height: 300px;}

.flexslider .slides {zoom: 1;}


.carousel li {margin-right: 5px}


/* Direction Nav */

.flex-direction-nav {*height: 0;}

.flex-direction-nav a {
width: 16px;
height:
16px;
margin: 0;
display: none;
background:n
one;
position:
absolute;
top:-160%; z-
index: 10;
cursor: pointer;

```

```

.flex-direction-nav .flex-next {
background-position:none;

    right:
122%;    top:
-120%;

}

.flex-direction-nav .flex-prev {left:0%;}

.flexslider:hover .flex-next {opacity: 1;}

.flexslider:hover .flex-prev {opacity: 1;}

.flexslider:hover .flex-next:hover, .flexslider:hover .flex-prev:hover {opacity: 1;}

.flex-direction-nav .flex-disabled {opacity: .3!important; filter:alpha(opacity=30);
cursor: default;}

/* Control Nav */

.flex-control-nav {
display: block;
position: absolute;
right: 7%;
margin-left: 0px;
top: 31%;
}

.flex-control-nav li {margin: 15px 0;
display: block;
zoom: 1;
position: relative;
}

.flex-control-paging li
a {    width: 21px;

```

```

height: 23px;

display: block; line-
height: 22px;

background: none;

cursor: pointer; /*
text-indent: -9999px;

*/ border: none;

color: #212121;

background: #fff;

text-align: center;

border-radius: 50%; font-
weight: 400;
}

.flex-control-paging li a.flex-active
{ background: #ffce14;

border-radius: 50%;

color: #fdfeff;

transform: rotateX(360deg);

-webkit-transform: rotateX(360deg);

-moz-transform: rotateX(360deg);

-o-transform: rotateX(360deg); -ms-
transform: rotateX(360deg); transition:
transform 2s; .flex-control-thumbs
{ margin: 5px 0 0; position: static;

overflow: hidden;}

.flex-control-thumbs li { width: 25%; float: left; margin: 0;}

```

```

.flex-control-thumbs img {width: 100%; display: block; opacity: .7; cursor: pointer;}

.flex-control-thumbs img:hover {opacity: 1;}

.flex-control-thumbs .flex-active {opacity: 1; cursor: default;}

@media screen and (max-width:1080px) {

.flex-
control-nav

{ top: 5%;
right: 5%;
}

}

@media screen and (max-width: 991px){

.flex-control-nav {
right: 3%;
}

}

@media screen and (max-width: 800px){

.flex-control-nav

{ top: -15%;
}

}

@media screen and (max-width:667px){

.flex-control-nav {
top: 70%;

```

```

}

@media screen and (max-width: 640px){

.flex-control-nav {

top: 68%;

}

}

@media screen and (max-width: 480px) {

section.slider {

padding-top: 0%;

} .flexslider {

padding:0;

}

.flex-control-nav {

top: 60%;

}

}

@media screen and (max-width:414px){

.flex-control-nav {

top: 54%;

}

}

@media screen and (max-width: 384px){ @media screen and (max-width:
320px) {

section.slider {

padding-top: 0%;

} }

```

## CHAPTER 6

### TESTING

#### 6.1 Types of Testing Used

- **Black box Testing** is the testing process in which testers can perform testing on an application without having any internal structural knowledge of the application. Usually Test Engineers participate in the black box testing.
- **White box Testing** is the testing process in which tester can perform testing on an application with having internal structural knowledge. Usually, The Developers participate in white box testing.
- **Gray Box Testing:** It is the process in which the combination of black box and white box techniques are used.
- **Smoke Testing:** is the process of initial testing in which tester looks for the availability of all the functionality of the application to perform detailed testing on them. (Main check is for available forms.
- **Sanity Testing:** It is a type of testing that is conducted on an application initially to check for the proper behavior of an application that is to check all the functionality are available before the detailed testing is conducted by on them.
- **Regression Testing:** is one of the best and most important tests. Regression testing is the process in which the functionality, which is already evaluated before, is once again tested whenever some new change is added to check whether the existing functionality remains same.
- **Re-Testing:** It is the process in which testing is performed on some functionality which is already tested before to make sure that the defects are reproducible and to rule out the environment's issues if at all any defects are there.
- **Static Testing:** is the testing, which is performed on an application when it is not been executed. ex: GUI, Document Testing.
- **Dynamic Testing:** It is the testing which is performed on an application when it is being executed. Ex: Functional testing.

- **Alpha Testing:** It is a type of user acceptance testing, which is conducted on an application when it is just before released to the customer.
- **Beta-Testing:** It is a type of UAT that is conducted on an application when it is released to the customer, when deployed into the real time environment and being accessed by the real time users.
- **Monkey Testing:** It is the process in which abnormal operations, beyond capacity operations are done on the application to check the stability of it in spite of the user's abnormal behavior.
- **Compatibility testing:** it is the testing process in which usually the products are tested on the environments with different combinations of databases (application servers, browsers...etc.) To check how far the product is compatible with all these environments platform combination.
- **Installation Testing:** it is the process of testing in which the tester try to install or try to deploy the module into the corresponding environment by following the guidelines produced in the deployment document and check whether the installation is successful or not.
- **Ad hoc Testing:** Ad hoc Testing is the process of testing in which unlike the formal testing where in test case document is used, without that test case document testing can be done of an application, to cover that testing of the future which are not covered in that test case document. Also, it is intended to perform GUI testing which may involve cosmetic issues.

## **6.2 Test Cases**

### **Test Cases for Home page**

- Verify that home page is displayed after login or not.
- Verify that Search functionality is present on home page or not.
- Verify the home page of application on different browsers.
- Verify the alignment on the home page.

### **Test Cases for Reservation**

- Verify that all the input fields are working.
- Verify that all the input fields are not taking invalid input.
- Verify that error is popping up while wrong input in input fields.
- Verify that the captcha is changing every time.

### **Test Cases for Add Rooms**

- Verify that rooms are displaying after being added
- Verify that user is able to book rooms after adding them.

### **Test scope**

- Test coverage is provided for the screen “Academic status entry” form of a student module of university management system application
- Areas of the application to be evaluated.

### **Test Scenario:**

- When the office personals use this screen for the mark’s entry, calculate the status details, save the information on student’s basis and quit the form.

### **Test Procedure:**

- The procedure for testing this screen is planned in such a way that the data entry, status calculation functionality, saving and quitting operations are tested in terms of GUI testing.



## **BIBLIOGRAPHY**

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