

HOTEL MANAGEMENT SYSTEM

A MINI-PROJECT REPORT

Submitted by

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An Autonomous Institute

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BONAFIDE CERTIFICATE

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LIST OF ABBREVIATION

ABBREVIATION	ACCRONYM
SRS	Software Requirement Specification
CLIENT/SERVER	The entity who will be using the interview feedback system.
SERVER	A system that runs in Linux
RAM	Random access memory
PHP	Hypertext Pre-processor.
MYSQL	A relational database management system
HTTP	Hyper Text Transfer Protocol
PDF	Portable Document Format
Username	Unique name given to each account of digital library
Password	Unique word set by each user as a secret code.

ABSTRACT

The Hotel Management System is used to book a room from anywhere in the world by a single dynamic website, allowing guests to easily navigate through available rooms, view detailed descriptions, and make bookings with minimal effort. Guests can customize their reservations by specifying preferences such as room type, amenities, and additional services. The system adapts to these preferences, ensuring a personalized and tailored booking experience. The users can sign in and book each project, they can be confirmed by the admin in their database.

The Hotel Management System is an easiest platform for all guests which can be easily booked and know the all details. It has dynamic and responsive web design. The proposed Hotel Room Booking and Services Management System presented represents an integrated solution that goes beyond traditional reservation systems. By combining intuitive booking interfaces with efficient service management, the system aims to elevate the guest experience, improve operational workflows, and contribute to the overall success of the hotel industry.

CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The project “HOTEL MANAGEMENT SYSTEM” is a sophisticated solution that optimizes hotel operations by integrating technology. It streamlines reservations and allocates resources effectively, enhancing efficiency and guest satisfaction. A well-designed Hotel Management System plays a pivotal role in modern hotel operations, blending technology and hospitality for both guests and staff. Its integration ensures operational excellence and exceptional guest experiences.

1.2 SCOPE OF THE WORK

The “THE HOTEL MANAGEMENT SYSTEM” is an integrated software developed for reservations and allocates resources effectively, it encompasses a wide range of functionalities and features aimed at enhancing the efficiency and effectiveness of hotel operations. The aim is to provide a foundational system that enhances operational efficiency and improves the overall guest experience. Different modules have been incorporated in this project.

1.3 PROBLEM STATEMENT

The hospitality industry faces challenges in managing hotel operations, resulting in suboptimal guest experiences and operational inefficiencies. Traditional methods, such as manual room reservations and check-in/out processes, lack agility and adaptability. The absence of a centralized system and limited integration with external platforms hinders revenue and audience reach.

The traditional method of hotel management systems may lack essential features like personalized guest profiles, advanced reporting, and security measures, leaving guests and staff vulnerable. A comprehensive Hotel Management System is needed to address these challenges, streamlining operations, enhancing guest experience, and ensuring security and efficiency. This system integrate modern technologies, automate routine tasks, and offer personalized services.

1.4 AIM AND OBJECTIVES OF THE PROJECT

The Hotel Management System project aims to create a sophisticated software solution that enhances guest experience, streamlines processes, and boosts the efficiency and competitiveness of the hospitality industry. Provide a user-friendly interface for guests

to check room availability and make reservations. Optimize room allocation based on guest preferences, ensuring efficient use of available inventory. Implement real-time updates on room availability to prevent overbooking. Implement security measures to protect guest information and payment data.

CHAPTER 2

SYSTEM SPECIFICATIONS

2.1 HARDWARE SPECIFICATIONS

Processor	:	Pentium IV Or Higher
Memory Size	:	256 GB (Minimum)
HDD	:	40 GB (Minimum)

2.2 SOFTWARE SPECIFICATIONS

Operating System	:	WINDOWS 10 AND PLUS
Front – End	:	VSCODE
Back – End	:	MYSQL 5.1
Language	:	PHP, JavaScript, CSS, HTML, Bootstrap

CHAPTER 3

MODULE DESCRIPTION

Home Module

Home module has the offers available and all the other modules. We have access to the entire website from this module, it is the first page opens when we start the website.

About Module

This module provides basic information about our website, it has all the contents and the types of services provided by us.

Room Packages Module

This module has all the packages for each place the customers search and it contains all the accommodations available for the selected package with every single details regarding that package.

Privacy Policy Module

This module has the details of statement that the data provided by the client to the admin like Username, Email id, Password is stored in database in secured manner to ensure the clients safety and security

Login Module

This module is for customers who login into our website, the history and details of the customer is saved within the website and in database. This module leads to further customer deals and offers.

CHAPTER 4

SYSTEM DESIGN

4.1 ARCHITECTURE DIAGRAM

An architecture diagram is a graphical representation of a set of concepts, that are part of an architecture, including their principles, elements and components

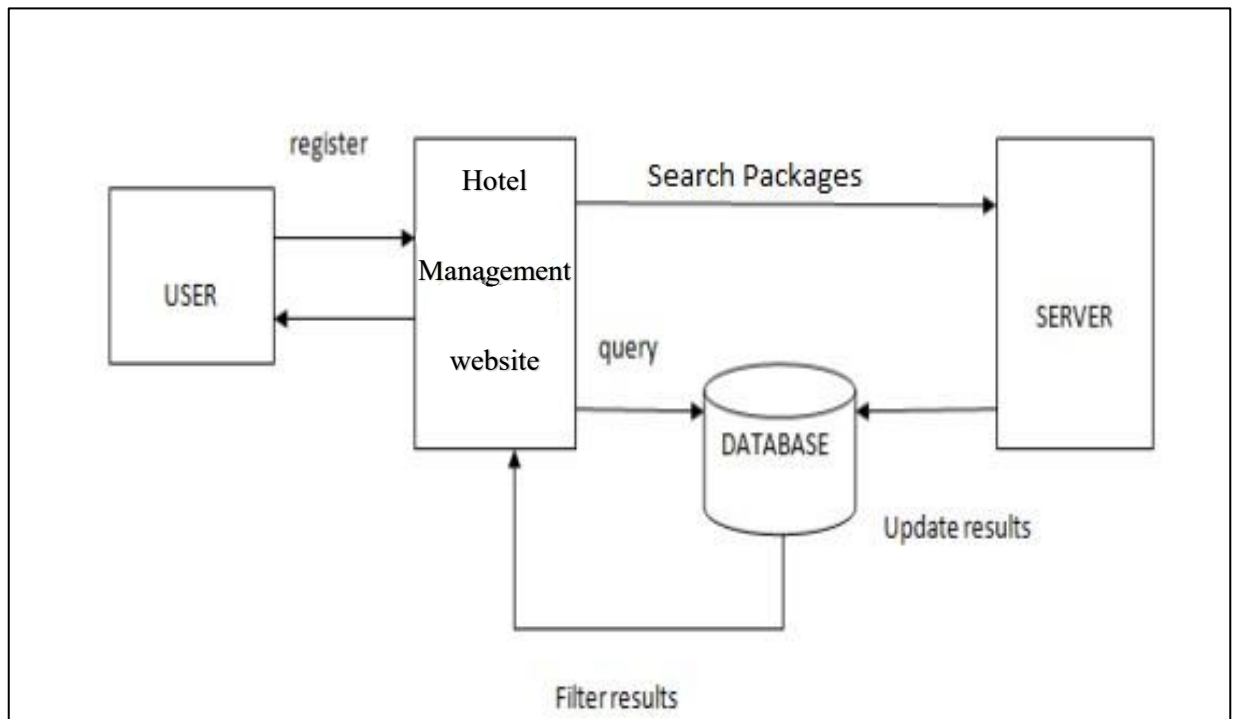


Figure 4.1 Architecture Diagram

From the above Figure 4.1, the architecture of the system is well understood.

4.2 FLOW CHART

A flowchart is a type of diagram that represents an algorithm, workflow or process. The flowchart shows the steps as boxes of various kinds, and their order by connecting the boxes with arrows. This diagrammatic representation illustrates a solution model to a given problem.

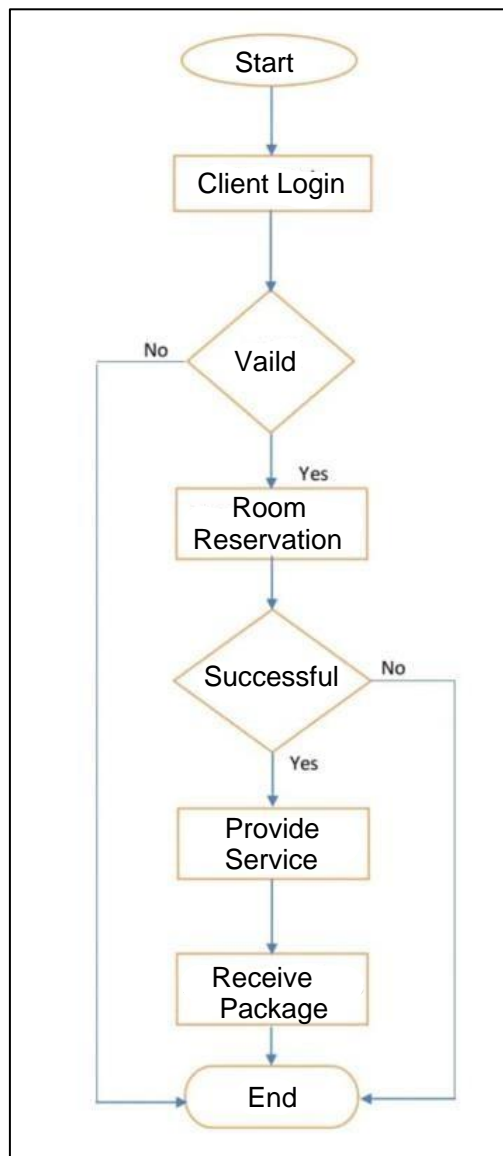


Figure 4.2 Flow Chart

From the above Figure 4.2, the workflow of the system is identified.

4.3 USECASE DIAGRAM

A use case is a list of actions or event steps typically defining the interactions between a role (known in the Unified Modelling Language as an actor) and a system to achieve a goal. The actor can be a human or other external system.

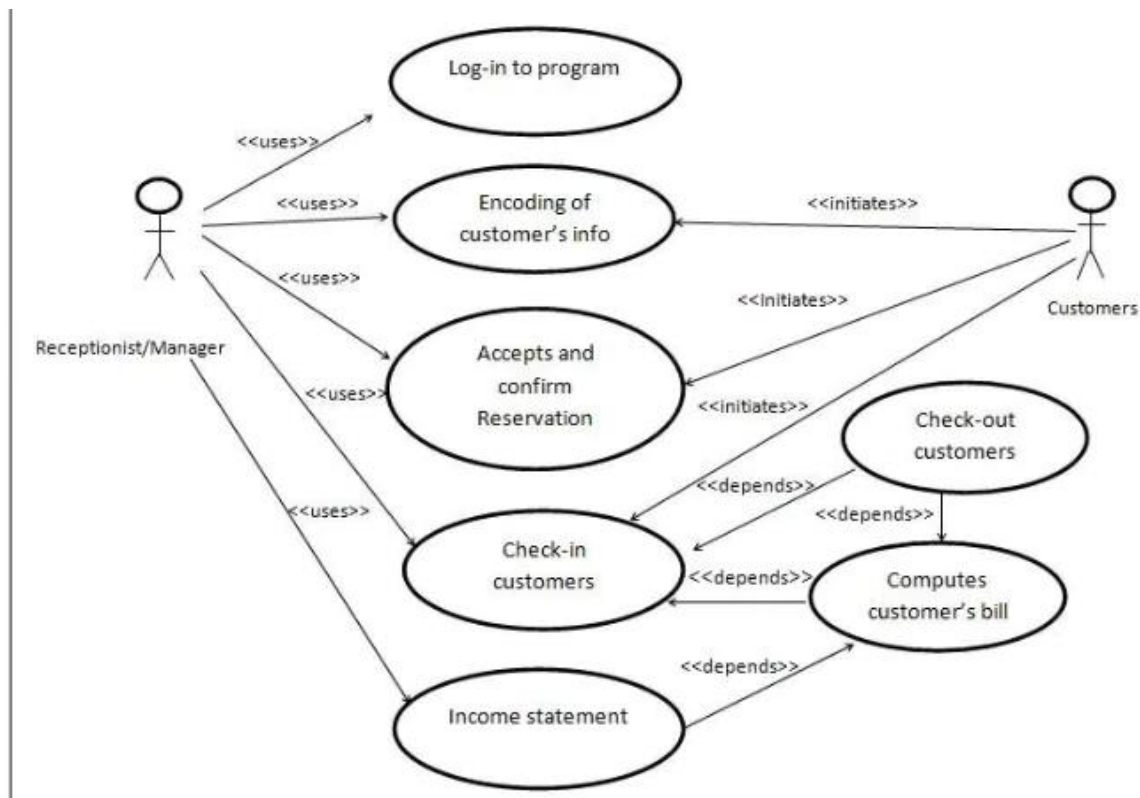


Figure 4.3 Use case diagram

From the above figure 4.3, the interactions between a role in the system is shown

4.4 ACTIVITY DIAGRAM

An activity in Unified Modelling Language (UML) is a major task that must take place in order to fulfil an operation contract. Activities can be represented in activity diagrams. An activity can represent: The invocation of an operation. A step in a business process

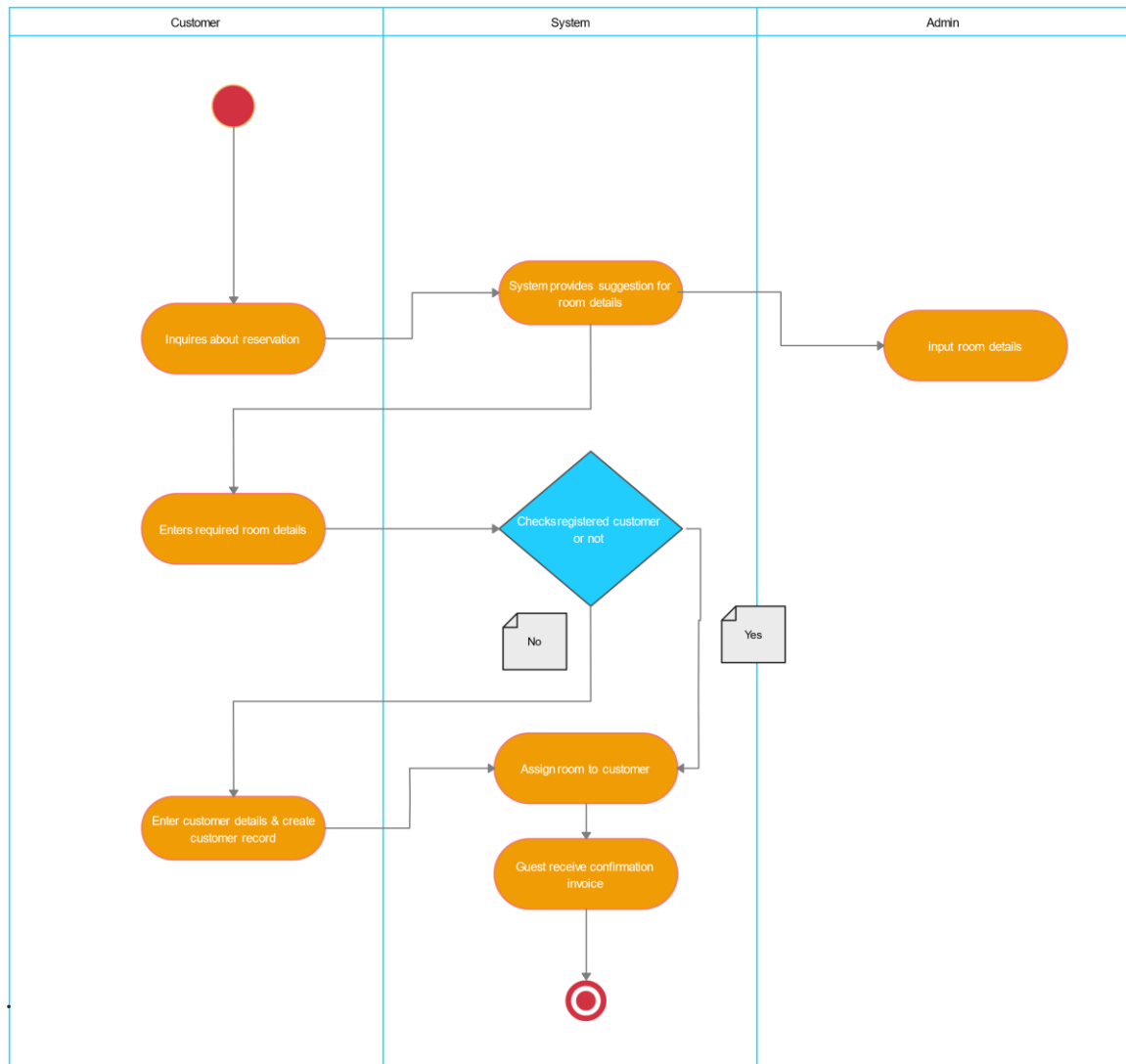
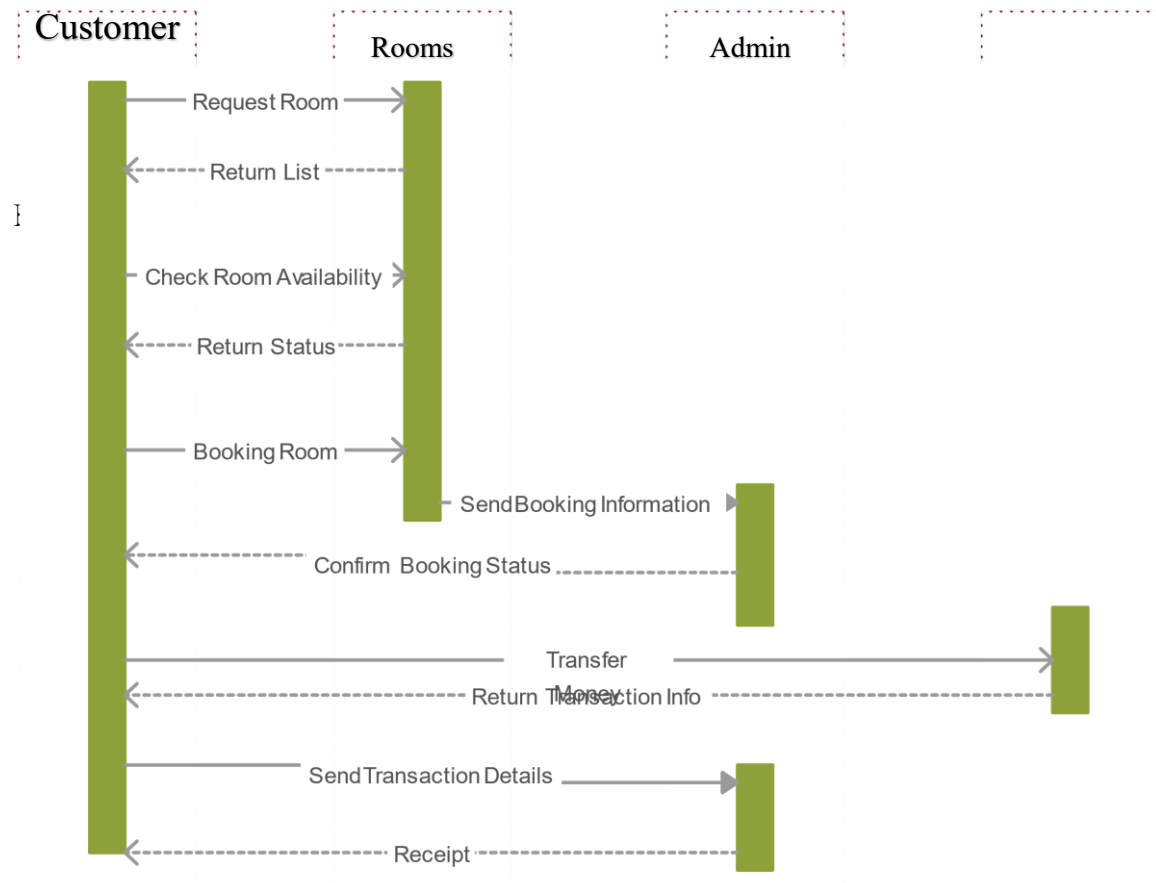


Figure 4.4 Activity Diagram

From the above figure 4.4, the activities if the system is shown.

4.5 SEQUENCE DIAGRAM

A sequence diagram is a type of interaction diagram because it describes how—and in what order—a group of objects works together



4.5 Sequence Diagram

The above figure 4.5 represents the type of interaction of the system.

4.6 CLASS DIAGRAM

A class diagram is an illustration of the relationships and source code dependencies among classes in the Unified Modelling Language (UML). In this context, a class defines the methods and variables in an object, which is a specific entity in a program or the unit of code representing that entity.

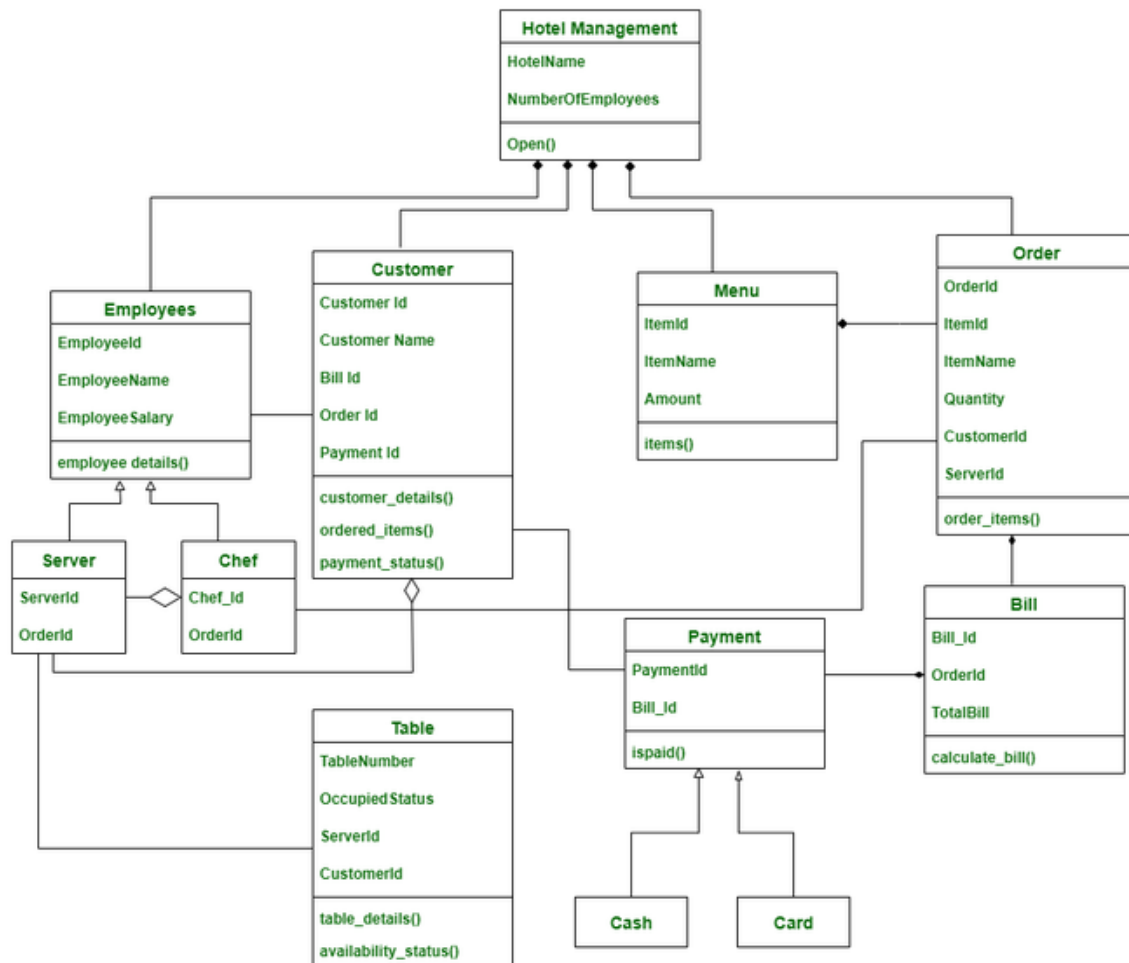


Figure 4.6 Class Diagram

The above Figure 4.6 is the class diagram for the system.

CHAPTER 5

TABLE

5.1 USER REGISTRATION

S.NO	ATTRIBUTE	TYPE
1.	NAME	VARCHAR(100)
2.	EMAILID	VARCHAR(45)
3.	PASSWORD	VARCHAR(100)

CHAPTER 6

SAMPLE CODING

1.index.php

```
<?php

include 'config.php';
session_start();

?>
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="./css/login.css">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65VohhpuaCOMLASjC"
crossorigin="anonymous">

    <!-- sweet alert -->
    <script
src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
    <!-- aos animation -->
    <link rel="stylesheet" href="https://unpkg.com/aos@next/dist/aos.css"
/>
    <!-- loading bar -->
    <script src="https://cdn.jsdelivr.net/npm/pace-
js@latest/pace.min.js"></script>
    <link rel="stylesheet" href="./css/flash.css">
    <title>Hotel blue bird</title>
</head>

<body>
    <!-- carousel -->
    <section id="carouselExampleControls" class="carousel slide
carousel_section" data-bs-ride="carousel">
        <div class="carousel-inner">
```

```

        <div class="carousel-item active">
            
        </div>
        <div class="carousel-item">
            
        </div>
        <div class="carousel-item">
            
        </div>
        <div class="carousel-item">
            
        </div>
    </div>
</section>

<!-- main section -->
<section id="auth_section">

    <div class="logo">
        
        <p>BLUEBIRD</p>
    </div>

    <div class="auth_container">
        <!--===== login =====>

        <div id="Log_in">
            <h2>Log In</h2>
            <div class="role_btn">
                <div class="btns active">User</div>
                <div class="btns">Staff</div>
            </div>

            <!-- // ==userlogin== -->
            <?php
            if (isset($_POST['user_login_submit'])) {
                $Email = $_POST['Email'];
                $Password = $_POST['Password'];

                $sql = "SELECT * FROM signup WHERE Email = '$Email'
AND Password = BINARY'$Password'";
                $result = mysqli_query($conn, $sql);

                if ($result->num_rows > 0) {
                    $_SESSION['usermail']=$Email;

```

```

        $Email = "";
        $Password = "";
        header("Location: home.php");
    } else {
        echo "<script>swal({
            title: 'Something went wrong',
            icon: 'error',
        });
        </script>";
    }
}
?>
<form class="user_login authsection active" id="userlogin"
action="" method="POST">
    <div class="form-floating">
        <input type="text" class="form-control"
name="Username" placeholder=" ">
        <label for="Username">Username</label>
    </div>
    <div class="form-floating">
        <input type="text" class="form-control"
name="Email" placeholder=" ">
        <label for="Email">Email</label>
    </div>
    <div class="form-floating">
        <input type="password" class="form-control"
name="Password" placeholder=" ">
        <label for="Password">Password</label>
    </div>
    <button type="submit" name="user_login_submit"
class="auth_btn">Log in</button>

    <div class="footer_line">
        <h6>Don't have an account? <span
class="page_move_btn" onclick="signupdate()">sign up</span></h6>
    </div>
</form>

<!-- == Emp Login == -->
<?php
    if (isset($_POST['Emp_login_submit'])) {
        $Email = $_POST['Emp_Email'];
        $Password = $_POST['Emp_Password'];

        $sql = "SELECT * FROM emp_login WHERE Emp_Email =
'$Email' AND Emp_Password = BINARY'$Password'";

```

```

$result = mysqli_query($conn, $sql);

if ($result->num_rows > 0) {
    $_SESSION['usermail']=$Email;
    $Email = "";
    $Password = "";
    header("Location: admin/admin.php");
} else {
    echo "<script>swal({
        title: 'Something went wrong',
        icon: 'error',
    });
    </script>";
}
}
?>
<form class="employee_login authsection"
id="employee_login" action="" method="POST">
    <div class="form-floating">
        <input type="email" class="form-control"
name="Emp_Email" placeholder=" ">
        <label for="floatingInput">Email</label>
    </div>
    <div class="form-floating">
        <input type="password" class="form-control"
name="Emp_Password" placeholder=" ">
        <label for="floatingPassword">Password</label>
    </div>
    <button type="submit" name="Emp_login_submit"
class="auth_btn">Log in</button>
</form>

</div>

<!--===== signup =====>
<?php
    if (isset($_POST['user_signup_submit'])) {
        $Username = $_POST['Username'];
        $Email = $_POST['Email'];
        $Password = $_POST['Password'];
        $CPassword = $_POST['CPassword'];

        if($Username == "" || $Email == "" || $Password ==
"" ){

            echo "<script>swal({
                title: 'Fill the proper details',

```



```

        icon: 'error',
    });
</script>";
}
else{
    if ($Password == $CPassword) {
        $sql = "SELECT * FROM signup WHERE Email =
'$Email'";

        $result = mysqli_query($conn, $sql);

        if ($result->num_rows > 0) {
            echo "<script>swal({
                title: 'Email already exists',
                icon: 'error',
            });
            </script>";
        } else {
            $sql = "INSERT INTO signup
(Username,Email,Password) VALUES ('$Username', '$Email', '$Password')";
            $result = mysqli_query($conn, $sql);

            if ($result) {
                $_SESSION['usermail']=$Email;
                $Username = "";
                $Email = "";
                $Password = "";
                $CPassword = "";
                header("Location: home.php");
            } else {
                echo "<script>swal({
                    title: 'Something went wrong',
                    icon: 'error',
                });
                </script>";
            }
        }
    } else {
        echo "<script>swal({
            title: 'Password does not matched',
            icon: 'error',
        });
        </script>";
    }
}
}
}

```

```

    ?>
    <div id="sign_up">
        <h2>Sign Up</h2>

        <form class="user_signup" id="usersignup" action=""
method="POST">
            <div class="form-floating">
                <input type="text" class="form-control"
name="Username" placeholder=" ">
                <label for="Username">Username</label>
            </div>
            <div class="form-floating">
                <input type="email" class="form-control"
name="Email" placeholder=" ">
                <label for="Email">Email</label>
            </div>
            <div class="form-floating">
                <input type="password" class="form-control"
name="Password" placeholder=" ">
                <label for="Password">Password</label>
            </div>
            <div class="form-floating">
                <input type="password" class="form-control"
name="CPassword" placeholder=" ">
                <label for="CPassword">Confirm Password</label>
            </div>

            <button type="submit" name="user_signup_submit"
class="auth_btn">Sign up</button>

            <div class="footer_line">
                <h6>Already have an account? <span
class="page_move_btn" onclick="loginpage()">Log in</span></h6>
            </div>
        </form>
    </div>
</section>
</body>

<script src="./javascript/index.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle
.min.js" integrity="sha384-
MrCw6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>

```

```

<!-- aos animation-->
<script src="https://unpkg.com/aos@next/dist/aos.js"></script>
<script>
    AOS.init();
</script>
</html>

```

2. dashboard.php

```

<?php
    session_start();
    include '../config.php';

    // roombook
    $roombooksql = "Select * from roombook";
    $roombookre = mysqli_query($conn, $roombooksql);
    $roombookrow = mysqli_num_rows($roombookre);

    // staff
    $staffsql = "Select * from staff";
    $staffre = mysqli_query($conn, $staffsql);
    $staffrow = mysqli_num_rows($staffre);

    // room
    $roomsql = "Select * from room";
    $roomre = mysqli_query($conn, $roomsql);
    $roomrow = mysqli_num_rows($roomre);

    //roombook roomtype
    $chartroom1 = "SELECT * FROM roombook WHERE RoomType='Superior Room'";
    $chartroom1re = mysqli_query($conn, $chartroom1);
    $chartroom1row = mysqli_num_rows($chartroom1re);

    $chartroom2 = "SELECT * FROM roombook WHERE RoomType='Deluxe Room'";
    $chartroom2re = mysqli_query($conn, $chartroom2);
    $chartroom2row = mysqli_num_rows($chartroom2re);

    $chartroom3 = "SELECT * FROM roombook WHERE RoomType='Guest House'";
    $chartroom3re = mysqli_query($conn, $chartroom3);
    $chartroom3row = mysqli_num_rows($chartroom3re);

    $chartroom4 = "SELECT * FROM roombook WHERE RoomType='Single Room'";
    $chartroom4re = mysqli_query($conn, $chartroom4);

```

```

        $chartroom4row = mysqli_num_rows($chartroom4re);
    ?>
    <!-- moriss profit -->
    <?php
        $query = "SELECT * FROM payment";
        $result = mysqli_query($conn, $query);
        $chart_data = '';
        $tot = 0;
        while($row = mysqli_fetch_array($result))
        {
            $chart_data .= "{ date:'".$row["cout"]."',
profit:".$row["finaltotal"]*10/100 ."}, ";
            $tot = $tot + $row["finaltotal"]*10/100;
        }

        $chart_data = substr($chart_data, 0, -2);

    ?>

    <!DOCTYPE html>
    <html lang="en">
    <head>
        <meta charset="UTF-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link rel="stylesheet" href="./css/dashboard.css">
        <!-- chart.js -->
        <script src="https://cdn.jsdelivr.net/npm/chart.js"></script>

        <!-- morish bar -->
        <link rel="stylesheet"
href="//cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.css">
        <script
src="//ajax.googleapis.com/ajax/libs/jquery/1.9.0/jquery.min.js"></script>
        <script src="//cdnjs.cloudflare.com/ajax/libs/raphael/2.1.0/raphael-
min.js"></script>
        <script
src="//cdnjs.cloudflare.com/ajax/libs/morris.js/0.5.1/morris.min.js"></scr
ipt>

        <title>BlueBird - Admin </title>
    </head>
    <body>
        <div class="databox">
            <div class="box roombookbox">
                <h2>Total Booked Room</h1>

```

```

        <h1><?php echo $roombookrow ?> / <?php echo $roomrow ?></h1>
    </div>
    <div class="box guestbox">
        <h2>Total Staff</h1>
        <h1><?php echo $staffrow ?></h1>
    </div>
    <div class="box profitbox">
        <h2>Profit</h1>
        <h1><?php echo $tot?> <span>&#8377</span></h1>
    </div>
</div>
<div class="chartbox">
    <div class="bookroomchart">
        <canvas id="bookroomchart"></canvas>
        <h3 style="text-align: center;margin:10px 0;">Booked Room</h3>
    </div>
    <div class="profitchart" >
        <div id="profitchart"></div>
        <h3 style="text-align: center;margin:10px 0;">Profit</h3>
    </div>
</div>
</body>

<script>
    const labels = [
        'Superior Room',
        'Deluxe Room',
        'Guest House',
        'Single Room',
    ];

    const data = {
        labels: labels,
        datasets: [{
            label: 'My First dataset',
            backgroundColor: [
                'rgba(255, 99, 132, 1)',
                'rgba(255, 159, 64, 1)',
                'rgba(54, 162, 235, 1)',
                'rgba(153, 102, 255, 1)',
            ],
            borderColor: 'black',
            data: [<?php echo $chartroom1row ?>,<?php echo $chartroom2row
?>,<?php echo $chartroom3row ?>,<?php echo $chartroom4row ?>],

```

```

        }]
    };

    const doughnutchart = {
        type: 'doughnut',
        data: data,
        options: {}
    };

    const myChart = new Chart(
        document.getElementById('bookroomchart'),
        doughnutchart);
</script>

<script>
Morris.Bar({
    element : 'profitchart',
    data:[<?php echo $chart_data;?>],
    xkey:'date',
    ykeys:['profit'],
    labels:['Profit'],
    hideHover:'auto',
    stacked:true,
    barColors:[
        'rgba(153, 102, 255, 1)',
    ]
});
</script>

</html>

```

3. home.php

```

<?php

include 'config.php';
session_start();

// page redirect
$usermail="";
$usermail=$_SESSION['usermail'];
if($usermail == true){

}else{
    header("location: index.php");
}

```

```
?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="/css/home.css">
  <title>Hotel blue bird</title>
  <!-- boot -->
  <link
href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65VohhpUuCOmLASjC"
crossorigin="anonymous">
  <script
src="https://cdn.jsdelivrivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle
.min.js" integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
  <!-- fontawesome -->
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.2.0/css/all.min.css" integrity="sha512-
xh60/CkQoPOWDDdYTDqerDPCVd1SpvCA9XXcUnZS2FmJNp1coAFzvtCN9BmamE+4aHK8yyUHUSC
cJHgXloTyT2A==" crossorigin="anonymous" referrerpolicy="no-referrer"/>
  <!-- sweet alert -->
  <script
src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
  <link rel="stylesheet" href="/admin/css/roombook.css">
  <style>
    #guestdetailpanel{
      display: none;
    }
    #guestdetailpanel .middle{
      height: 450px;
    }
  </style>
</head>

<body>
  <nav>
    <div class="logo">
```

```

    
    <p>SuperDeluxe</p>
</div>
<ul>
    <li><a href="#firstsection">Home</a></li>
    <li><a href="#secondsection">Rooms</a></li>
    <li><a href="#thirdsection">Facilites</a></li>
    <li><a href="#contactus">contact us</a></li>
    <a href="./logout.php"><button class="btn btn-
danger">Logout</button></a>
</ul>
</nav>

<section id="firstsection" class="carousel slide carousel_section" data-
bs-ride="carousel">
    <div class="carousel-inner">
        <div class="carousel-item active">
            
        </div>
        <div class="carousel-item">
            
        </div>
        <div class="carousel-item">
            
        </div>
        <div class="carousel-item">
            
        </div>

        <div class="welcomeline">
            <h1 class="welcometag">Welcome to heaven on earth</h1>
        </div>

<!-- bookbox -->
<div id="guestdetailpanel">
    <form action="" method="POST" class="guestdetailpanelform">
        <div class="head">
            <h3>RESERVATION</h3>
            <i class="fa-solid fa-circle-xmark"
onclick="closebox()"></i>
        </div>
        <div class="middle">
            <div class="guestinfo">
                <h4>Guest information</h4>
                <input type="text" name="Name" placeholder="Enter Full
name">

```



```
<input type="email" name="Email" placeholder="Enter
Email">
```

```
<?php
$countries = array("Afghanistan", "Albania",
"Algeria", "American Samoa", "Andorra", "Angola", "Anguilla",
"Antarctica", "Antigua and Barbuda", "Argentina", "Armenia", "Aruba",
"Australia", "Austria", "Azerbaijan", "Bahamas", "Bahrain", "Bangladesh",
"Barbados", "Belarus", "Belgium", "Belize", "Benin", "Bermuda", "Bhutan",
"Bolivia", "Bosnia and Herzegovina", "Botswana", "Bouvet Island",
"Brazil", "British Indian Ocean Territory", "Brunei Darussalam",
"Bulgaria", "Burkina Faso", "Burundi", "Cambodia", "Cameroon", "Canada",
"Cape Verde", "Cayman Islands", "Central African Republic", "Chad",
"Chile", "China", "Christmas Island", "Cocos (Keeling) Islands",
"Colombia", "Comoros", "Congo", "Congo, the Democratic Republic of the",
"Cook Islands", "Costa Rica", "Cote d'Ivoire", "Croatia (Hrvatska)",
"Cuba", "Cyprus", "Czech Republic", "Denmark", "Djibouti", "Dominica",
"Dominican Republic", "East Timor", "Ecuador", "Egypt", "El Salvador",
"Equatorial Guinea", "Eritrea", "Estonia", "Ethiopia", "Falkland Islands
(Malvinas)", "Faroe Islands", "Fiji", "Finland", "France", "France
Metropolitan", "French Guiana", "French Polynesia", "French Southern
Territories", "Gabon", "Gambia", "Georgia", "Germany", "Ghana",
"Gibraltar", "Greece", "Greenland", "Grenada", "Guadeloupe", "Guam",
"Guatemala", "Guinea", "Guinea-Bissau", "Guyana", "Haiti", "Heard and Mc
Donald Islands", "Holy See (Vatican City State)", "Honduras", "Hong Kong",
"Hungary", "Iceland", "India", "Indonesia", "Iran (Islamic Republic of)",
"Iraq", "Ireland", "Israel", "Italy", "Jamaica", "Japan", "Jordan",
"Kazakhstan", "Kenya", "Kiribati", "Korea, Democratic People's Republic
of", "Korea, Republic of", "Kuwait", "Kyrgyzstan", "Lao, People's
Democratic Republic", "Latvia", "Lebanon", "Lesotho", "Liberia", "Libyan
Arab Jamahiriya", "Liechtenstein", "Lithuania", "Luxembourg", "Macau",
"Macedonia, The Former Yugoslav Republic of", "Madagascar", "Malawi",
"Malaysia", "Maldives", "Mali", "Malta", "Marshall Islands", "Martinique",
"Mauritania", "Mauritius", "Mayotte", "Mexico", "Micronesia, Federated
States of", "Moldova, Republic of", "Monaco", "Mongolia", "Montserrat",
"Morocco", "Mozambique", "Myanmar", "Namibia", "Nauru", "Nepal",
"Netherlands", "Netherlands Antilles", "New Caledonia", "New Zealand",
"Nicaragua", "Niger", "Nigeria", "Niue", "Norfolk Island", "Northern
Mariana Islands", "Norway", "Oman", "Pakistan", "Palau", "Panama", "Papua
New Guinea", "Paraguay", "Peru", "Philippines", "Pitcairn", "Poland",
"Portugal", "Puerto Rico", "Qatar", "Reunion", "Romania", "Russian
Federation", "Rwanda", "Saint Kitts and Nevis", "Saint Lucia", "Saint
Vincent and the Grenadines", "Samoa", "San Marino", "Sao Tome and
Principe", "Saudi Arabia", "Senegal", "Seychelles", "Sierra Leone",
"Singapore", "Slovakia (Slovak Republic)", "Slovenia", "Solomon Islands",
"Somalia", "South Africa", "South Georgia and the South Sandwich Islands",
```

```

"Spain", "Sri Lanka", "St. Helena", "St. Pierre and Miquelon", "Sudan",
"Suriname", "Svalbard and Jan Mayen Islands", "Swaziland", "Sweden",
"Switzerland", "Syrian Arab Republic", "Taiwan, Province of China",
"Tajikistan", "Tanzania, United Republic of", "Thailand", "Togo",
"Tokelau", "Tonga", "Trinidad and Tobago", "Tunisia", "Turkey",
"Turkmenistan", "Turks and Caicos Islands", "Tuvalu", "Uganda", "Ukraine",
"United Arab Emirates", "United Kingdom", "United States", "United States
Minor Outlying Islands", "Uruguay", "Uzbekistan", "Vanuatu", "Venezuela",
"Vietnam", "Virgin Islands (British)", "Virgin Islands (U.S.)", "Wallis
and Futuna Islands", "Western Sahara", "Yemen", "Yugoslavia", "Zambia",
"Zimbabwe");

```

```

?>

```

```

        <select name="Country" class="selectinput">
        <option value selected >Select your country</option>
        <?php
        foreach($countries as $key => $value):
        echo '<option value="'. $value. '">'. $value. '</option>';
        //close your tags!!
        endforeach;
        ?>

```

```

        </select>

```

```

        <input type="text" name="Phone" placeholder="Enter

```

```

Phoneno">

```

```

    </div>

```

```

    <div class="line"></div>

```

```

    <div class="reservationinfo">

```

```

        <h4>Reservation information</h4>

```

```

        <select name="RoomType" class="selectinput">

```

```

        <option value selected >Type Of Room</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>

```

```

        <select name="Bed" class="selectinput">

```

```

        <option value selected >Bedding Type</option>

```

```

            <option value="Single">Single</option>

```

```

            <option value="Double">Double</option>

```

```

        <option value="Triple">Triple</option>

```

```

            <option value="Quad">Quad</option>

```

```

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

```

```

        </select>

```

```

        <select name="NoofRoom" class="selectinput">
        <option value selected >No of Room</option>
            <option value="1">1</option>
            <!-- <option value="1">2</option>
            <option value="1">3</option> -->
        </select>
        <select name="Meal" class="selectinput">
        <option value selected >Meal</option>
            <option value="Room only">Room only</option>
            <option value="Breakfast">Breakfast</option>
        <option value="Half Board">Half Board</option>
        <option value="Full Board">Full Board</option>
        </select>
        <div class="datesection">
            <span>
                <label for="cin"> Check-In</label>
                <input name="cin" type ="date">
            </span>
            <span>
                <label for="cin"> Check-Out</label>
                <input name="cout" type ="date">
            </span>
        </div>
    </div>
    <div class="footer">
        <button class="btn btn-success"
name="guestdetailssubmit">Submit</button>
    </div>
</form>

<!-- ==== room book php ====-->
<?php
    if (isset($_POST['guestdetailssubmit'])) {
        $Name = $_POST['Name'];
        $Email = $_POST['Email'];
        $Country = $_POST['Country'];
        $Phone = $_POST['Phone'];
        $RoomType = $_POST['RoomType'];
        $Bed = $_POST['Bed'];
        $NoofRoom = $_POST['NoofRoom'];
        $Meal = $_POST['Meal'];
        $cin = $_POST['cin'];
        $cout = $_POST['cout'];

        if($Name == "" || $Email == "" || $Country == ""){

```



```

        <div class="services">
            <i class="fa-solid fa-wifi"></i>
            <i class="fa-solid fa-burger"></i>
            <i class="fa-solid fa-spa"></i>
            <i class="fa-solid fa-dumbbell"></i>
            <i class="fa-solid fa-person-swimming"></i>
        </div>
        <button class="btn btn-primary bookbtn"
onclick="openbookbox()">Book</button>
    </div>
</div>
<div class="roombox">
    <div class="hotelphoto h2"></div>
    <div class="roomdata">
        <h2>Delux Room</h2>
        <div class="services">
            <i class="fa-solid fa-wifi"></i>
            <i class="fa-solid fa-burger"></i>
            <i class="fa-solid fa-spa"></i>
            <i class="fa-solid fa-dumbbell"></i>
        </div>
        <button class="btn btn-primary bookbtn"
onclick="openbookbox()">Book</button>
    </div>
</div>
<div class="roombox">
    <div class="hotelphoto h3"></div>
    <div class="roomdata">
        <h2>Guest Room</h2>
        <div class="services">
            <i class="fa-solid fa-wifi"></i>
            <i class="fa-solid fa-burger"></i>
            <i class="fa-solid fa-spa"></i>
        </div>
        <button class="btn btn-primary bookbtn"
onclick="openbookbox()">Book</button>
    </div>
</div>
<div class="roombox">
    <div class="hotelphoto h4"></div>
    <div class="roomdata">
        <h2>Single Room</h2>
        <div class="services">
            <i class="fa-solid fa-wifi"></i>
            <i class="fa-solid fa-burger"></i>
        </div>
    </div>

```

```

        <button class="btn btn-primary bookbtn"
onclick="openbookbox()">Book</button>
    </div>
</div>
</div>
</section>

<section id="thirdsection">
    <h1 class="head">⌵ Facilities ⌶</h1>
    <div class="facility">
        <div class="box">
            <h2>Swiming pool</h2>
        </div>
        <div class="box">
            <h2>Spa</h2>
        </div>
        <div class="box">
            <h2>24*7 Restaurants</h2>
        </div>
        <div class="box">
            <h2>24*7 Gym</h2>
        </div>
        <div class="box">
            <h2>Heli service</h2>
        </div>
    </div>
</section>

<section id="contactus">
    <div class="social">
        <i class="fa-brands fa-instagram"></i>
        <i class="fa-brands fa-facebook"></i>
        <i class="fa-solid fa-envelope"></i>
    </div>
    <div class="createdby">
        <h5>Created by @tushar</h5>
    </div>
</section>
</body>

<script>

    var bookbox = document.getElementById("guestdetailpanel");

    openbookbox = () =>{

```

```

        bookbox.style.display = "flex";
    }
    closebox = () =>{
        bookbox.style.display = "none";
    }
</script>
</html>

```

4. roombook.php

```

<?php
session_start();
include '../config.php';

?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!-- boot -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWfSpd3yD65Vohhpuc0mLASjC"
crossorigin="anonymous">
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle
.min.js" integrity="sha384-
Mrcw6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
    <!-- fontawesome -->
    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-free@6.2.0/css/all.min.css" integrity="sha512-
xh60/CkQoPOWDDdYTDqRdPCVd1SpvCA9XXcUnZS2FmJNp1coAFzvtCN9BmamE+4aHK8yyUHUSC
cJHgXloTyT2A==" crossorigin="anonymous" referrerpolicy="no-referrer" />
    <!-- sweet alert -->
    <script
src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
    <link rel="stylesheet" href="./css/roombook.css">
    <title>BlueBird - Admin</title>

```

```

</head>

<body>
    <!-- guestdetailpanel -->

    <div id="guestdetailpanel">
        <form action="" method="POST" class="guestdetailpanelform">
            <div class="head">
                <h3>RESERVATION</h3>
                <i class="fa-solid fa-circle-xmark"
onclick="adduserclose()"></i>
            </div>
            <div class="middle">
                <div class="guestinfo">
                    <h4>Guest information</h4>
                    <input type="text" name="Name" placeholder="Enter Full
name" required>
                    <input type="email" name="Email" placeholder="Enter
Email" required>

                    <?php
                    $countries = array("Afghanistan", "Albania",
"Algeria", "American Samoa", "Andorra", "Angola", "Anguilla",
"Antarctica", "Antigua and Barbuda", "Argentina", "Armenia", "Aruba",
"Australia", "Austria", "Azerbaijan", "Bahamas", "Bahrain", "Bangladesh",
"Barbados", "Belarus", "Belgium", "Belize", "Benin", "Bermuda", "Bhutan",
"Bolivia", "Bosnia and Herzegowina", "Botswana", "Bouvet Island",
"Brazil", "British Indian Ocean Territory", "Brunei Darussalam",
"Bulgaria", "Burkina Faso", "Burundi", "Cambodia", "Cameroon", "Canada",
"Cape Verde", "Cayman Islands", "Central African Republic", "Chad",
"Chile", "China", "Christmas Island", "Cocos (Keeling) Islands",
"Colombia", "Comoros", "Congo", "Congo, the Democratic Republic of the",
"Cook Islands", "Costa Rica", "Cote d'Ivoire", "Croatia (Hrvatska)",
"Cuba", "Cyprus", "Czech Republic", "Denmark", "Djibouti", "Dominica",
"Dominican Republic", "East Timor", "Ecuador", "Egypt", "El Salvador",
"Equatorial Guinea", "Eritrea", "Estonia", "Ethiopia", "Falkland Islands
(Malvinas)", "Faroe Islands", "Fiji", "Finland", "France", "France
Metropolitan", "French Guiana", "French Polynesia", "French Southern
Territories", "Gabon", "Gambia", "Georgia", "Germany", "Ghana",
"Gibraltar", "Greece", "Greenland", "Grenada", "Guadeloupe", "Guam",
"Guatemala", "Guinea", "Guinea-Bissau", "Guyana", "Haiti", "Heard and Mc
Donald Islands", "Holy See (Vatican City State)", "Honduras", "Hong Kong",
"Hungary", "Iceland", "India", "Indonesia", "Iran (Islamic Republic of)",
"Iraq", "Ireland", "Israel", "Italy", "Jamaica", "Japan", "Jordan",
"Kazakhstan", "Kenya", "Kiribati", "Korea, Democratic People's Republic
of", "Korea, Republic of", "Kuwait", "Kyrgyzstan", "Lao, People's

```


Democratic Republic", "Latvia", "Lebanon", "Lesotho", "Liberia", "Libyan Arab Jamahiriya", "Liechtenstein", "Lithuania", "Luxembourg", "Macau", "Macedonia, The Former Yugoslav Republic of", "Madagascar", "Malawi", "Malaysia", "Maldives", "Mali", "Malta", "Marshall Islands", "Martinique", "Mauritania", "Mauritius", "Mayotte", "Mexico", "Micronesia, Federated States of", "Moldova, Republic of", "Monaco", "Mongolia", "Montserrat", "Morocco", "Mozambique", "Myanmar", "Namibia", "Nauru", "Nepal", "Netherlands", "Netherlands Antilles", "New Caledonia", "New Zealand", "Nicaragua", "Niger", "Nigeria", "Niue", "Norfolk Island", "Northern Mariana Islands", "Norway", "Oman", "Pakistan", "Palau", "Panama", "Papua New Guinea", "Paraguay", "Peru", "Philippines", "Pitcairn", "Poland", "Portugal", "Puerto Rico", "Qatar", "Reunion", "Romania", "Russian Federation", "Rwanda", "Saint Kitts and Nevis", "Saint Lucia", "Saint Vincent and the Grenadines", "Samoa", "San Marino", "Sao Tome and Principe", "Saudi Arabia", "Senegal", "Seychelles", "Sierra Leone", "Singapore", "Slovakia (Slovak Republic)", "Slovenia", "Solomon Islands", "Somalia", "South Africa", "South Georgia and the South Sandwich Islands", "Spain", "Sri Lanka", "St. Helena", "St. Pierre and Miquelon", "Sudan", "Suriname", "Svalbard and Jan Mayen Islands", "Swaziland", "Sweden", "Switzerland", "Syrian Arab Republic", "Taiwan, Province of China", "Tajikistan", "Tanzania, United Republic of", "Thailand", "Togo", "Tokelau", "Tonga", "Trinidad and Tobago", "Tunisia", "Turkey", "Turkmenistan", "Turks and Caicos Islands", "Tuvalu", "Uganda", "Ukraine", "United Arab Emirates", "United Kingdom", "United States", "United States Minor Outlying Islands", "Uruguay", "Uzbekistan", "Vanuatu", "Venezuela", "Vietnam", "Virgin Islands (British)", "Virgin Islands (U.S.)", "Wallis and Futuna Islands", "Western Sahara", "Yemen", "Yugoslavia", "Zambia", "Zimbabwe");

?>

```
<select name="Country" class="selectinput" required>
    <option value selected >Select your
country</option>

    <?php
        foreach($countries as $key => $value):
            echo '<option
value="'. $value. '">'. $value. '</option>';
            //close your tags!!
        endforeach;

    ?>
</select>
<input type="text" name="Phone" placeholder="Enter
Phoneno" required>
</div>

<div class="line"></div>
```

```

<div class="reservationinfo">
  <h4>Reservation information</h4>
  <select name="RoomType" class="selectinput">
    <option value selected >Type Of Room</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>
  <select name="Bed" class="selectinput">
    <option value selected >Bedding Type</option>
    <option value="Single">Single</option>
    <option value="Double">Double</option>
    <option value="Triple">Triple</option>
    <option value="Quad">Quad</option>
    <option value="None">None</option>
  </select>
  <select name="NoofRoom" class="selectinput">
    <option value selected >No of Room</option>
    <option value="1">1</option>
    <!-- <option value="1">2</option>
    <option value="1">3</option> -->
  </select>
  <select name="Meal" class="selectinput">
    <option value selected >Meal</option>
    <option value="Room only">Room only</option>
    <option value="Breakfast">Breakfast</option>
    <option value="Half Board">Half Board</option>
    <option value="Full Board">Full Board</option>
  </select>
  <div class="datesection">
    <span>
      <label for="cin"> Check-In</label>
      <input name="cin" type ="date">
    </span>
    <span>
      <label for="cin"> Check-Out</label>
      <input name="cout" type ="date">
    </span>
  </div>
</div>
<div class="footer">

```

```

        <button class="btn btn-success"
name="guestdetailssubmit">Submit</button>
    </div>
</form>

<?php
// <!-- room availability start-->

$rsql ="select * from room";
$rre= mysqli_query($conn,$rsql);
$r = 0;
$sc = 0;
$gh = 0;
$sr = 0;
$dr = 0;

while($rrow=mysqli_fetch_array($rre))
{
    $r = $r + 1;
    $s = $rrow['type'];
    if($s=="Superior Room")
    {
        $sc = $sc+ 1;
    }
    if($s=="Guest House")
    {
        $gh = $gh + 1;
    }
    if($s=="Single Room" )
    {
        $sr = $sr + 1;
    }
    if($s=="Deluxe Room" )
    {
        $dr = $dr + 1;
    }
}

$csql ="select * from payment";
$cre= mysqli_query($conn,$csql);
$cr =0 ;
$csc =0;
$cgh = 0;
$csr = 0;
$cdr = 0;
while($crow=mysqli_fetch_array($cre))

```

```

{
    $cr = $cr + 1;
    $cs = $crow['RoomType'];

    if($cs=="Superior Room")
    {
        $csc = $csc + 1;
    }

    if($cs=="Guest House" )
    {
        $cgh = $cgh + 1;
    }
    if($cs=="Single Room")
    {
        $csr = $csr + 1;
    }
    if($cs=="Deluxe Room")
    {
        $cdr = $cdr + 1;
    }
}
// room availablity
// Superior Room =>
$f1=$sc - $csc;
if($f1 <=0 )
{
    $f1 = "NO";
}
// Guest House =>
$f2 = $gh - $cgh;
if($f2 <=0 )
{
    $f2 = "NO";
}
// Single Room =>
$f3=$sr - $csr;
if($f3 <=0 )
{
    $f3 = "NO";
}
// Deluxe Room =>
$f4=$dr - $cdr;
if($f4 <=0 )
{
    $f4 = "NO";
}

```

```

    }
    //total available room =>
    $f5 =$r-$cr;
    if($f5 <=0 )
    {
        $f5 = "NO";
    }
    ?>
<!-- room availablity end-->

<!-- ==== room book php =====>
<?php
    if (isset($_POST['guestdetailssubmit'])) {
        $Name = $_POST['Name'];
        $Email = $_POST['Email'];
        $Country = $_POST['Country'];
        $Phone = $_POST['Phone'];
        $RoomType = $_POST['RoomType'];
        $Bed = $_POST['Bed'];
        $NoofRoom = $_POST['NoofRoom'];
        $Meal = $_POST['Meal'];
        $cin = $_POST['cin'];
        $cout = $_POST['cout'];

        if($Name == "" || $Email == "" || $Country == ""){
            echo "<script>swal({
                title: 'Fill the proper details',
                icon: 'error',
            });
            </script>";
        }
        else{
            $sta = "NotConfirm";
            $sql = "INSERT INTO
roombook(Name,Email,Country,Phone,RoomType,Bed,NoofRoom,Meal,cin,cout,stat
,nodays) VALUES
('$Name','$Email','$Country','$Phone','$RoomType','$Bed','$NoofRoom','$Meal',
'$cin','$cout','$sta',datediff('$cout','$cin'))";
            $result = mysqli_query($conn, $sql);

            // if($f1=="NO")
            // {
            //     echo "<script>swal({
            //         title: 'Superior Room is not available',
            //         icon: 'error',
            //     });

```

```

//      </script>";
// }
// else if($f2=="NO")
// {
//      echo "<script>swal({
//              title: 'Guest House is not available',
//              icon: 'error',
//      });
//      </script>";
// }
// else if($f3 == "NO")
// {
//      echo "<script>swal({
//              title: 'Si Room is not available',
//              icon: 'error',
//      });
//      </script>";
// }
// else if($f4 == "NO")
// {
//      echo "<script>swal({
//              title: 'Deluxe Room is not available',
//              icon: 'error',
//      });
//      </script>";
// }
// else if($result = mysqli_query($conn, $sql))
// {
//      if ($result) {
//              echo "<script>swal({
//                      title: 'Reservation successful',
//                      icon: 'success',
//              });
//      </script>";
//      } else {
//              echo "<script>swal({
//                      title: 'Something went wrong',
//                      icon: 'error',
//              });
//      </script>";
//      }
// }
}
?>
</div>

```

```

<!-- ===== -->
<div class="searchsection">
    <input type="text" name="search_bar" id="search_bar"
placeholder="search..." onkeyup="searchFun()">
    <button class="adduser" id="adduser" onclick="adduseropen()"><i
class="fa-solid fa-bookmark"></i> Add</button>
    <form action="./exportdata.php" method="post">
        <button class="exportexcel" id="exportexcel"
name="exportexcel" type="submit"><i class="fa-solid fa-file-arrow-
down"></i></button>
    </form>
</div>

<div class="roombooktable" class="table-responsive-xl">
    <?php
        $roombooktablesqli = "SELECT * FROM roombook";
        $roombookresult = mysqli_query($conn, $roombooktablesqli);
        $nums = mysqli_num_rows($roombookresult);
    ?>
    <table class="table table-bordered" id="table-data">
        <thead>
            <tr>
                <th scope="col">Id</th>
                <th scope="col">Name</th>
                <th scope="col">Email</th>
                <th scope="col">Country</th>
                <th scope="col">Phone</th>
                <th scope="col">Type of Room</th>
                <th scope="col">Type of Bed</th>
                <th scope="col">No of Room</th>
                <th scope="col">Meal</th>
                <th scope="col">Check-In</th>
                <th scope="col">Check-Out</th>
                <th scope="col">No of Day</th>
                <th scope="col">Status</th>
                <th scope="col" class="action">Action</th>
                <!-- <th>Delete</th> -->
            </tr>
        </thead>

        <tbody>
            <?php
                while ($res = mysqli_fetch_array($roombookresult)) {
                    ?>

```

```

<tr>
    <td><?php echo $res['id'] ?></td>
    <td><?php echo $res['Name'] ?></td>
    <td><?php echo $res['Email'] ?></td>
    <td><?php echo $res['Country'] ?></td>
    <td><?php echo $res['Phone'] ?></td>
    <td><?php echo $res['RoomType'] ?></td>
    <td><?php echo $res['Bed'] ?></td>
    <td><?php echo $res['NoofRoom'] ?></td>
    <td><?php echo $res['Meal'] ?></td>
    <td><?php echo $res['cin'] ?></td>
    <td><?php echo $res['cout'] ?></td>
    <td><?php echo $res['nodays'] ?></td>
    <td><?php echo $res['stat'] ?></td>
    <td class="action">
        <?php
            if($res['stat'] == "Confirm")
            {
                echo " ";
            }
            else
            {
                echo "<a href='roomconfirm.php?id=".
$res['id'] .'.'><button class='btn btn-success'>Confirm</button></a>";
            }
        ?>
        <a href="roombookedit.php?id=<?php echo $res['id']
?>"><button class="btn btn-primary">Edit</button></a>
        <a href="roombookdelete.php?id=<?php echo
$res['id'] ?>"><button class='btn btn-danger'>Delete</button></a>
    </td>
</tr>
<?php
}
?>
</tbody>
</table>
</div>
</body>
<script src="./javascript/roombook.js"></script>

</html>

```


CHAPTER 7

SCREEN SHOTS

1.HOME PAGE

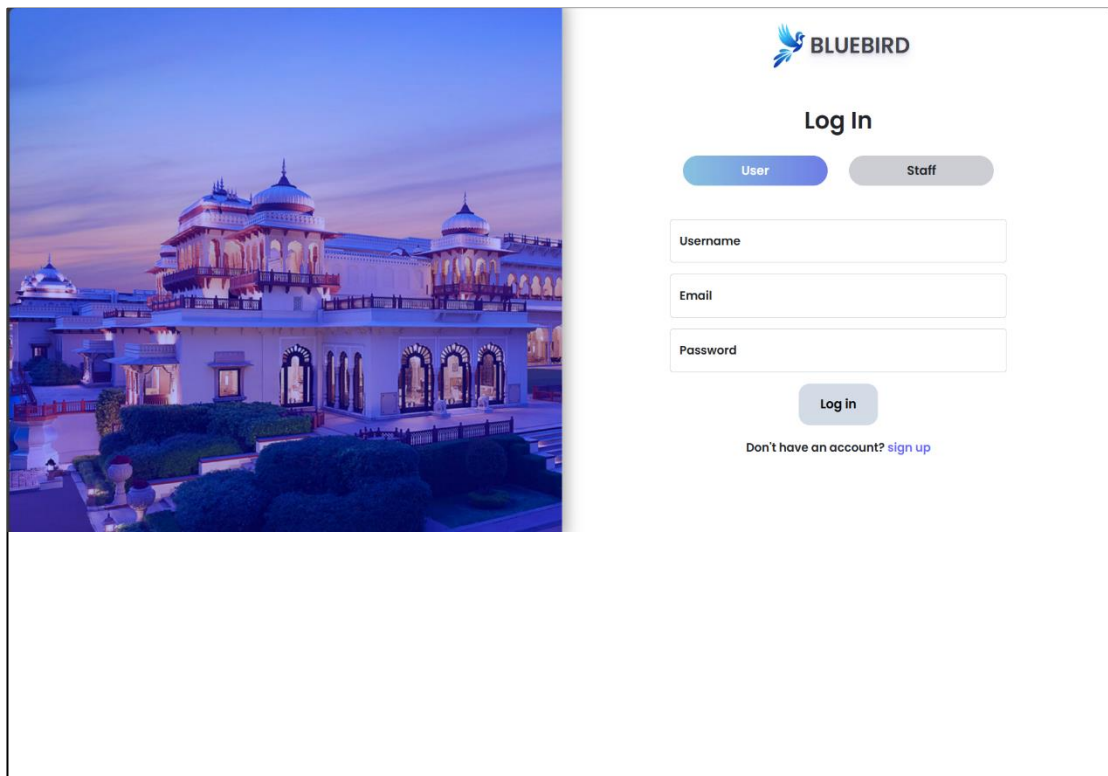


Figure 7.1 Home page

2. ROOMS AND SERVICES

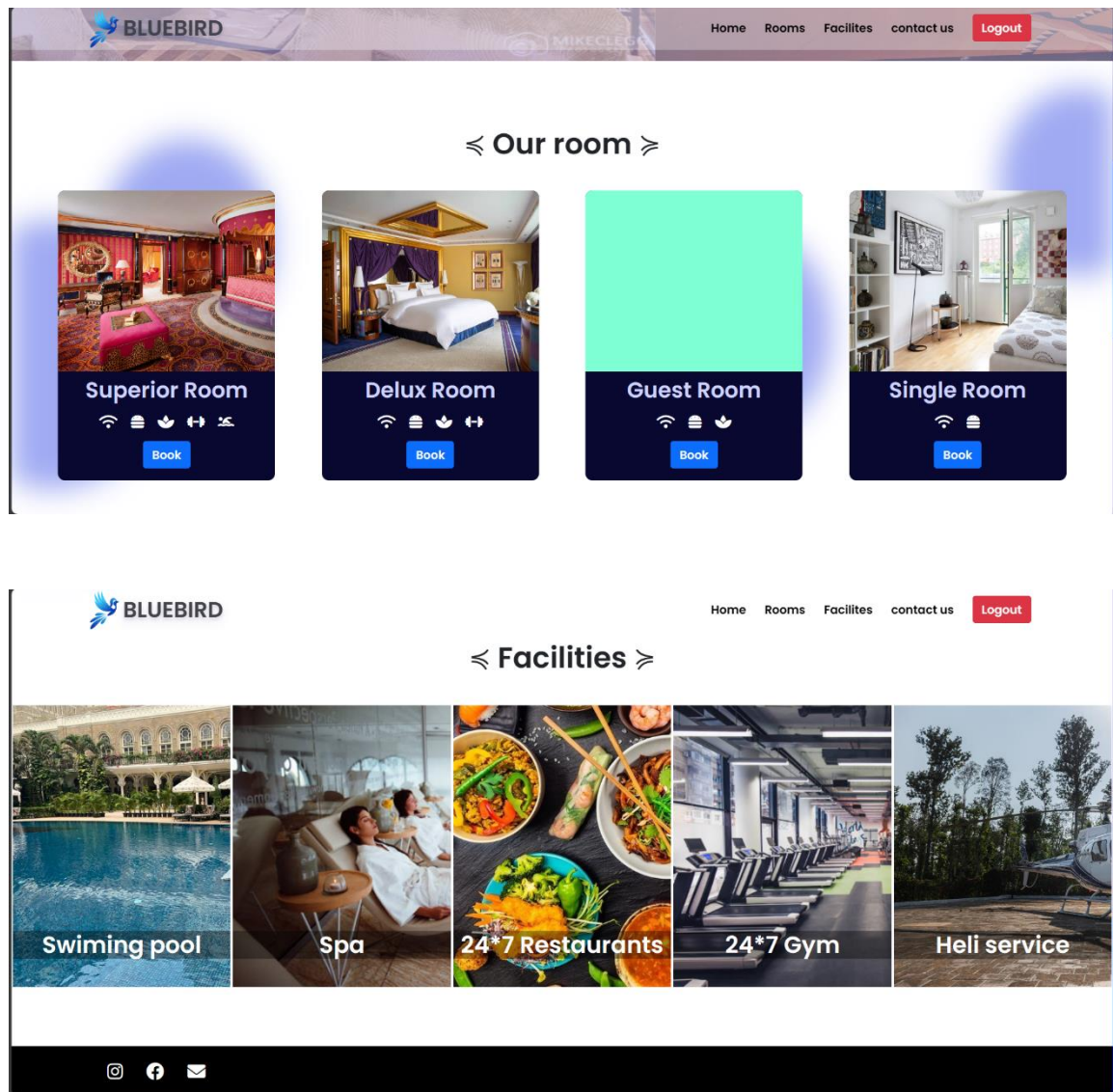
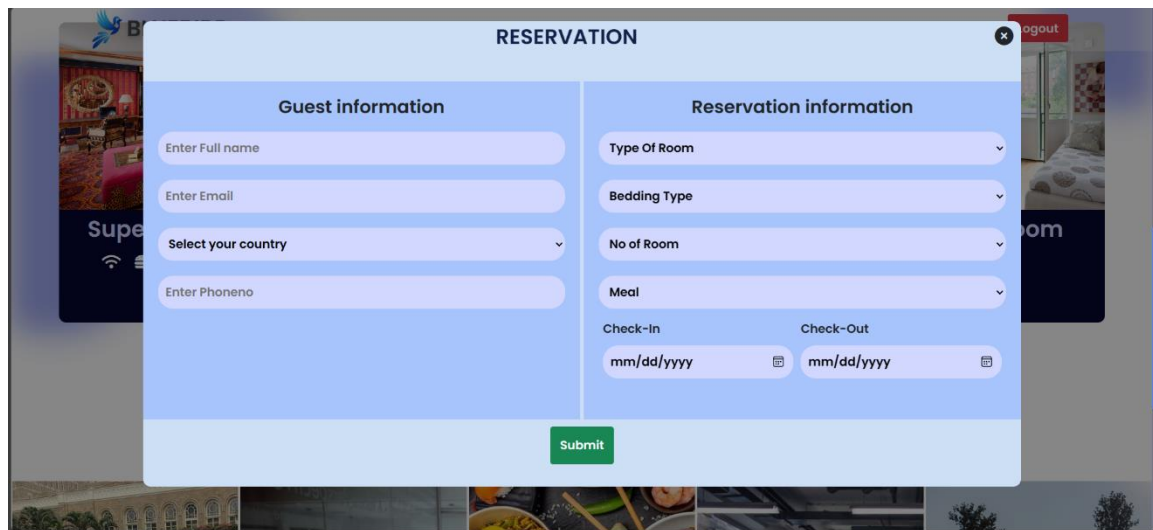


Fig:7.2 ROOMS AND SERVICES

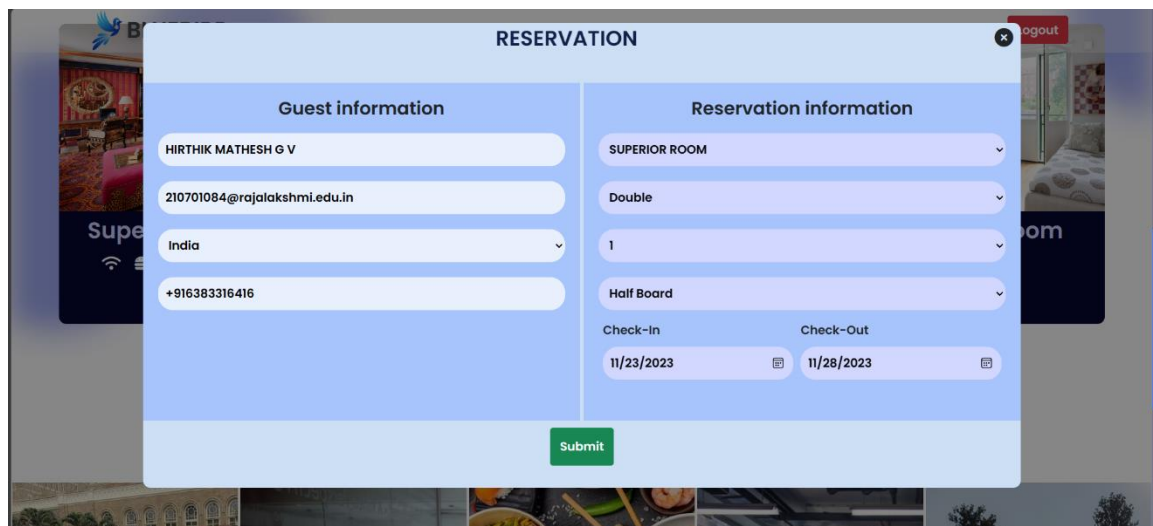
3.ROOM RESERVATION



RESERVATION

Guest information	Reservation information
Enter Full name	Type Of Room
Enter Email	Bedding Type
Select your country	No of Room
Enter Phoneno	Meal
	Check-In
	Check-Out
	mm/dd/yyyy
	mm/dd/yyyy

Submit



RESERVATION

Guest information	Reservation information
HIRTHIK MATHESH G V	SUPERIOR ROOM
210701084@rajalakshmi.edu.in	Double
India	1
+916383316416	Half Board
	Check-In
	Check-Out
	11/23/2023
	11/28/2023

Submit

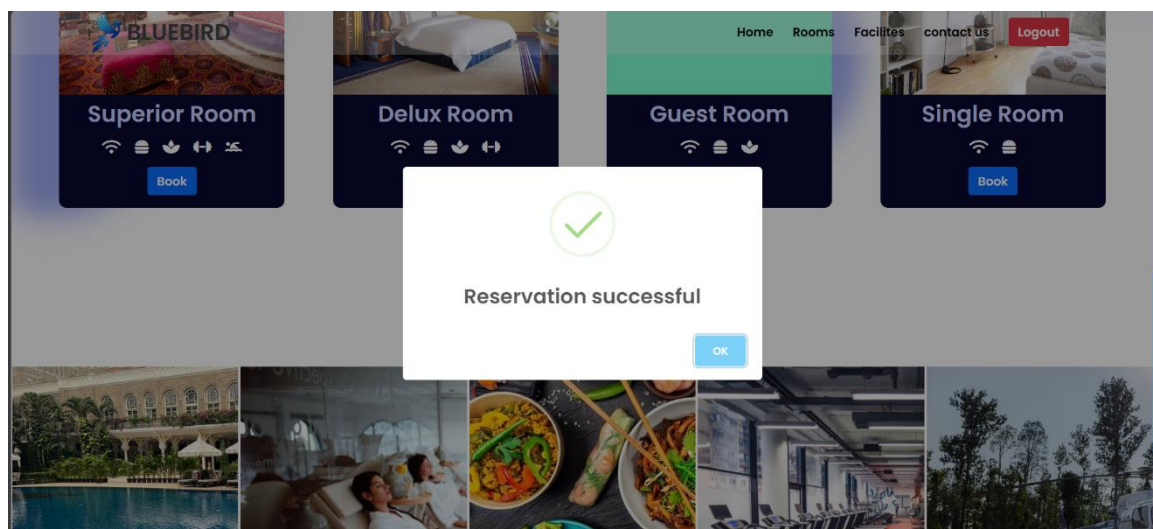
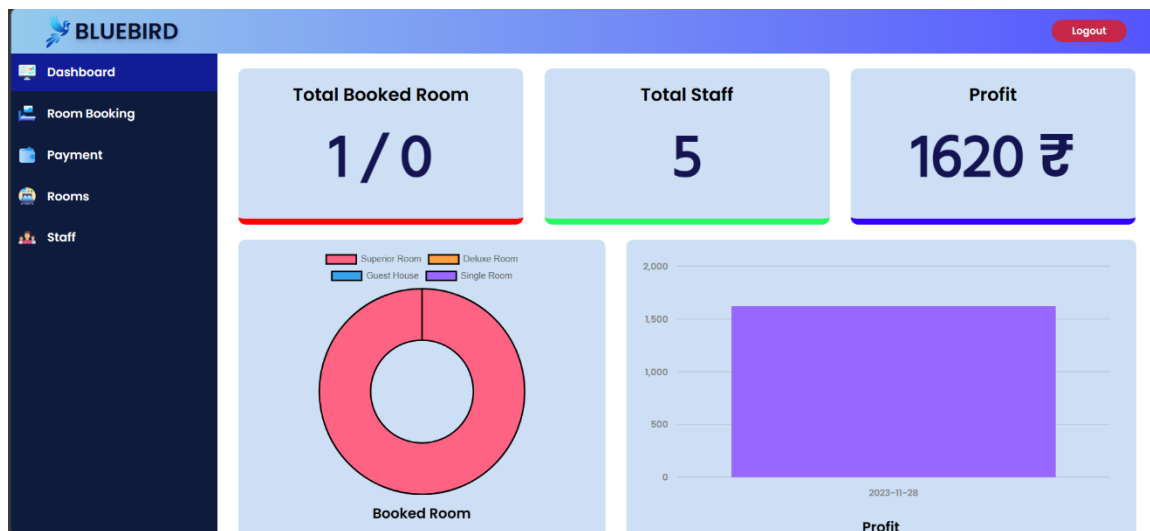


Fig:7.3,7.4,7.5- ROOM RESERVATION

4.INFORMATION ABOUT SERVICE TO BE PROVIDED



The screenshot displays the BLUEBIRD dashboard with the following components:

- Header:** BLUEBIRD logo and a Logout button.
- Left Sidebar:** Navigation menu with options: Dashboard, Room Booking, Payment, Rooms, and Staff.
- Search Bar:** A search input field with the placeholder text 'search...'.
- Buttons:** An 'Add' button and a user profile icon.
- Table:** A table listing room bookings with the following columns: Id, Name, Email, Country, Phone, Type of Room, Type of Bed, No of Room, Meal, Check-In, Check-Out, No of Day, Status, and Act.

Id	Name	Email	Country	Phone	Type of Room	Type of Bed	No of Room	Meal	Check-In	Check-Out	No of Day	Status	Act
57	HIRTHIK MATHESH G V	210701084@rajalakshmi.edu.in	India	+916383316416	Superior Room	Double	1	Half Board	2023-11-23	2023-11-28	5	Confirm	Edit Delete

Fig:7.6 SERVICE TO BE PROVIDED

5. STAFFS

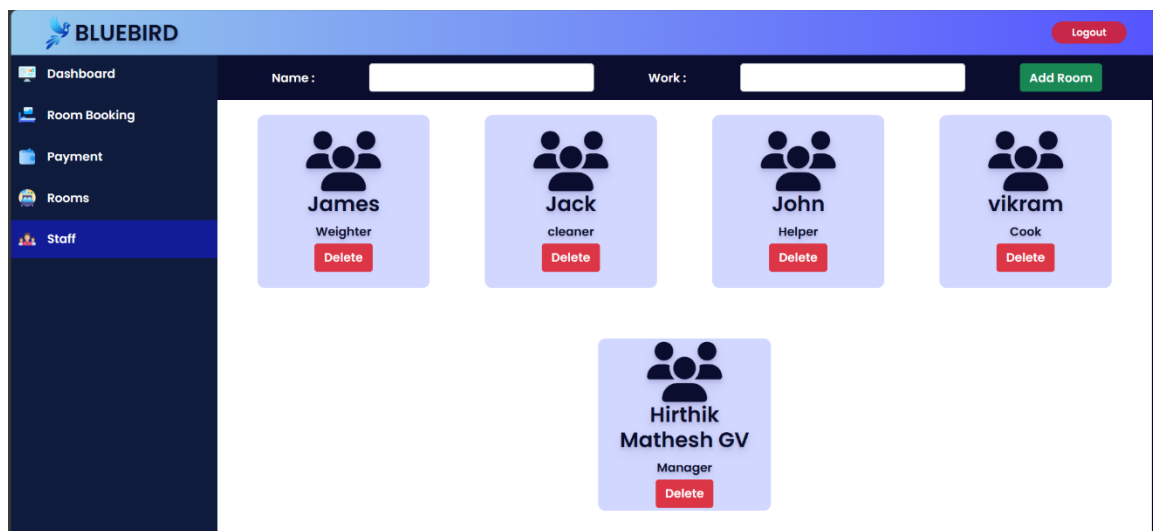


Fig:7.7 STAFFS

CHAPTER 8

CONCLUSION AND FUTURE ENHANCEMENT

The Hotel Management System is a significant step forward in optimizing hotel operations and enhancing guest experience. It automates reservation processes, streamlines check-in/out procedures, and centralizes service management, contributing to increased efficiency and improved service delivery. The system integrates features like real-time room availability updates, personalized guest profiles, and robust security measures, aligning services with guest expectations. As a centralized platform, it empowers hotel staff with tools for better decision-making, efficient communication, and data-driven insights.

Future enhancements include AI integration, IoT integration, blockchain for security, augmented reality for guest services, voice recognition and virtual assistants, enhanced mobile functionality, environmental sustainability features, advanced revenue management, machine learning for fraud detection, and blockchain-based loyalty programs. These enhancements aim to stay ahead of industry trends, deliver exceptional services, maintain a competitive edge, and adapt to evolving guest needs and expectations. By incorporating these future enhancements, the Hotel Management System can continue to deliver exceptional services, maintain a competitive edge, and adapt to the evolving needs and expectations of both guests and the broader hospitality market.

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