A

PROJECT REPORT

 \mathbf{ON}

"FINDINN: A HOTEL BOOKING WEBSITE"

Submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

Under the guidance of

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Assistant Professor (CSE)

SUBMITTED BY:

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B.E. CSE 3rd YEAR (6 SEMESTER)

ROLL NO: SG19357



UIET PANJAB UNIVERSITY SSG REGIONAL CENTRE HOSHIARPUR, PUNJAB

CERTIFICATE

This is to certify that the project entitled "FINDINN: A HOTEL BOOKING WEBSITE" has been successfully completed by TRISHA SAHU, B.E. CSE 3rd YEAR in partial fulfillment for the summer training on WEB DEVELOPMENT with PROJECT REPORT during 10 July 2022 to 08 August 2022.

SIGNATURE OF THE TRAINING OFFICER

DR. SUKHVINDER SINGH BAMBER

Assistant Professor (CSE)

ACKNOWLEDGMENT

The project report which I have prepare as a student of Bachelor of Engineering in Computer Science and Engineering is based on my **4 Weeks Summer Training** at **Techgyan Technologies**. This project report is completely based on my experience, study and observation during my summer training in **Web Development with HTML and CSS** at Techgyan Technologies. I had an opportunity to learn many things like; designing web layouts, creating forms, make responsiveness webpages, creating animations, various css properties.

I would like to give my heart full appreciation to the University and our college for providing us such an opportunity to learn, socialize and explore our knowledge in the field of computer science by providing us the tools and skills to implement our education in our day to day life. Our college has given us adequate practical and interactive skills which had made us an efficient skill human resource to support as well as boost our countries in future. I would specially like to thank to **Dr. Sukhvinder Singh Bamber** who were very supportive during my entire training period. I would also like to thank to all the **Techgyan Technologies Team** for providing me with lots of valuable information that has increased my knowledge and understanding of Web application and helped me in improving the quality of my project. I appreciate the love, encouragement, understanding and tolerance from all my family members. I believe that these types of training will definitely help the student to broaden their knowledge and skills and develop their career in the IT Industry.

CERTIFICATE



PROJECT LETTER

Techgyan Technologies

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Summer Project Appreciation

Date: 08-Aug-2022 KTPL-2021-TG-ST-1317

To Whom So Ever It May Concern

This letter clarifies that Ms. Trisha Sahu from Uiet Panjab University Ssg Regional Centre, Hoshiarpur, Punjab has completed her Summer Project with our organization on Web Development in association of our technology partner Techgyan Technologies from 10-Jul to 08-Aug 2022.

During the project span with us, she was actively and diligently involved in the projects and tasks assigned. She developed the project "Findinn: A Hotel Locating Website", which implicated the practical execution of the courseware.

Our organization thanks her and wish her all the best for her future.

Sincerely,

Ms. Sonam Sherwal

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ABSTRACT

The Hotel Booking System is a project which provides people all over the world with an easy and fast way to search and book hotel rooms online. The interface of the Hotel Booking System is Web pages that can be accessed with a Web site browser. The system is implemented in HTML (Hyper Text Markup Language) and CSS (cascading Style Sheet). Users can perform finding hotel and room booking activities from this system anytime and anywhere by accessing it via Internet. The Hotel Booking System is an easy-to-use application. Everyone who knows how to use a Web browser can easily carry out finding the hotel, booking the room, changing the booking details, canceling the booking, changing the personal profile, viewing the booking history, or viewing the hotel information by following its simple and clear GUI (Graphical user interface) design.

The purpose of Hotel Booking System is to automate the existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Hotel Booking System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

Every organization, whether big or small, has challenges to overcome and managing the information of Booking, Hotel, Room, Facility, Category. Every Hotel Booking System has different Hotel needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

CHAPTER ONE

INTRODUCTION

1.1 Purpose of the Project

This project is a web-based application that provides a user-friendly and simple interface to let users easily find hotels, book hotel rooms and perform booking activities via Internet. The records are shared with not only web users but also with administrators to the site. The project uses a regular web browser with HTML (Hyper Text Markup Language) as the basic interface language. Users can perform booking activities via the Internet Browser. The administrations also can view all users' files and maintain the Web site on it. The Hotel Booking System is a very easy-to-use web-based application. Everyone who knows how to use a web browser can find hotel and book rooms on specific date and finish the basic payment process online. Users will receive a confirmed email included basic booking details after finishing all steps in reservation.

1.2 The Scope of the Project

The Hotel Booking System offers the following functionality:

- 1. Users can register at FindInn site and then they can view or modify the personal profile.
- 2. Users can book a room on any specific date.
- 3. Users can view all their booking history done through FindInn site.
- 4. Users can change the booking at any time 3 days before the arrival date.

- 5. Users can cancel the booking at any time 3 days before the arrival date.
- 6. Users can check the room availability at their selected hotel before they book a room.
- 7. Administrators can change the quantity and price on all four types of rooms.
- 8. Administrators can change any specific booking details.
- 9. Administrators can cancel any specific booking.
- 10. Administrators can modify the details of static pages including room information, about us information, contact us information, customer service Q&A details, local travel and shipping guide, and privacy policy after logon.
- 11. Besides the basic booking relative functions, this simulated Website contains basic room types introduction, contacting information, customer service Q&A, local travel and shipping guide, and privacy policy.

1.3 Significance of the Project

The Internet Technology has been reached a significant achievement and we almost could get any information we need via surfing on the web browser at anytime or anywhere where computer and internet are available. The Hotel Booking System offers a simulated environment to let users perform what they could do in the real world via its simple and user-friendly interface. Hotel Booking System meets most functions and efficiency of a real web-based application of the real-life case and offers the extension of future development for more completed capabilities.

CHAPTER TWO

FINDINN: A HOTEL BOOKING WEBSITE

In this chapter, I will briefly introduce the architecture of my project. The Hotel Booking System implements a web system that provides an environment for users to find ideal hotel and book hotel rooms online. The system is a 2-tier-distributed architecture that displays the user interface to a web browser using HTML and JavaScript.

2.1 Software Interfaces

- **Internet browsers:** Google Chrome or Internet Explorer or Mozilla Firefox.
- Operating system: Windows 98/Me/2000/XP, or Unix/Linux
- Language: HTML, CSS, JavaScript.
- Code Editor: Visual Studio Code
- **Memory:** 4 GB RAM, 512 GB Hard Disk.
- Connect Protocol: HyperText Transfer Protocol and HyperText Transfer Protocol by SSL.

The web application executes a user command:

- User types a URL in Web browser.
- Request is transmitted to Web server via HTTP protocol.
- Web server responses to the request and executes from a HTML page and loaded by the JavaScript engine.
- JavaScript generates custom HTML documents or generates custom XML documents and sends them back to the user via the HTTP protocol.
- User's Web browser displays HTML page.

The components used to build Hotel Booking System were chosen with the following criteria:

- (I) The components should be shareware i.e., available freely for all users.
- (II) They do not depend on a 8 specific operating system and hence are easily portable across systems.

The user interface components are built by using HTML 6.0 forms, CSS, HTTP, frames and JavaScript.

CHAPTER THREE

SOFTWARE REQUIREMENTS SPECIFICATION

3.1 Introduction

The purpose of the Hotel Booking System Project is to provide people with the convenience to find their ideal hotel and book hotel rooms online. Users can find hotels, book rooms, modify booking details and view the hotel Web site. They can do these through the user-friendly Web pages with a regular Web browser.

3.2 Overall Description

3.2.1 Product Perspective

The Hotel Booking System is a web-based application. Its interfaces are implemented on regular Web browser connected via Internet.

The hardware interface requirement is that it must run on the existing web servers. The software interface requirement is that it must support current versions of web browsers (Internet Explorer, Netscape, Mozilla Firebox, etc.). The communications interface requires support for Hyper-Text Transfer Protocol by Secure Socket Layer (SSL). It. is the well-known HTTPS.

3.2.2 Product Functions

Use Case Diagram

Use Case Diagram identifies main actors. In the diagram there are two actors, though the document will only develop specific requirements from the customers' perspective. Customer will predominantly be using the following functions 1-4, while hotel manager's main functions will the rest (5,6).

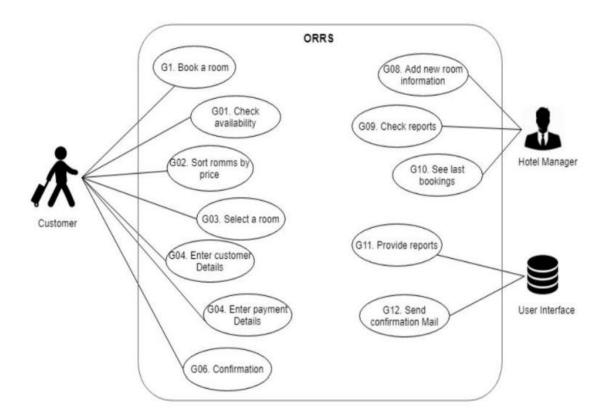


Figure . Hotel Locating System Use Case Diagram

3.2.3 Product Architecture

The system contains two main parts of architecture, client side machine and web server.

- (1) **Client side machine:** It requires having Internet browser and Internet connection. This machine can connect to web server by HTTP protocol.
- (2) **Web Server:** This project uses Windows 10. as the operating system, and DOM server. It establishes communication between server and client machine.

3.2.3.1 Class Diagram of the Process for Booking a Room

During modelling solution oriented requirements, the scope of the system has been narrowed down to the customer and web-interface interaction during the process of booking a room. Figure 8 describes the classes, subclasses and associations between them as well as object attributes and their main functions.

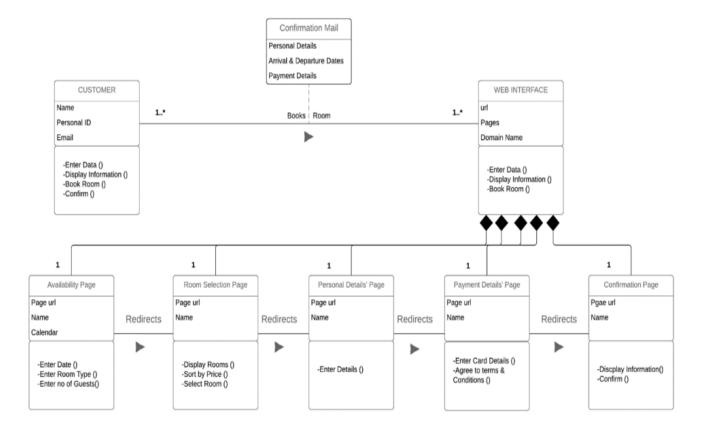


Figure . Class Diagram of the Process for Booking a Room

3.2.3.2 Process of Booking a Room

Figure describes the sequential interaction between the customer and the system. After every webpage in the web-interface, the system has to redirect the customer to the next page of the web-interface. The customer and system constantly go back and forward in the process.

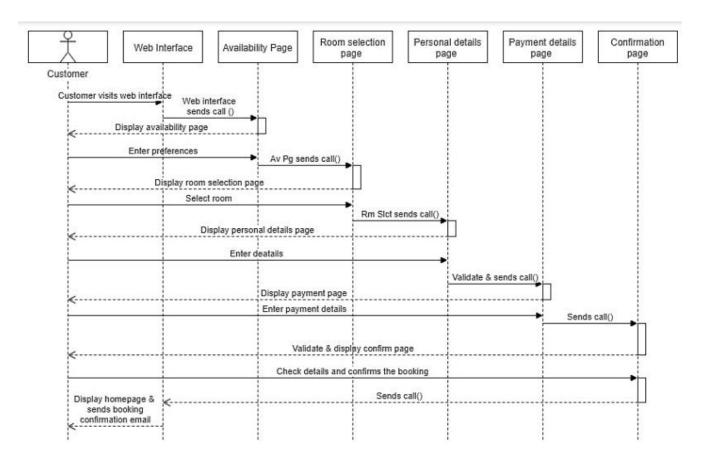


Figure . Process of Booking a Room

CHAPTER FOUR

PSEUDO/ALGORITHM

4.1 Pseudo Code for Home Page

(index.html)

crossorigin="anonymous">

<div class="back_div">

</head> <body>

<html> <head> <title>Hotel Locating Website</title> <link href="./css/front.css" rel="stylesheet" type="text/css"> <script src="https://code.jquery.com/jquery-3.4.1.slim.min.js"</pre> integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n" crossorigin="anonymous"></script> <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"</pre> integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"></script> <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js"</pre> integrity="sha384wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6" crossorigin="anonymous"></script> k rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh" crossorigin="anonymous"> link href="https://fonts.googleapis.com/css?family=Open+Sans:100,300,400,600" rel="stylesheet" type="text/css"> k href="http://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css" rel="stylesheet" type="text/css"> k href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/fontawesome.min.css" rel="stylesheet" integrity="sha384wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"

```
<div class="centre">
       <nav class="navbar">
         <a class="link" href="index.html"
           style="font-family:Lobster; font-weight: 600; font-size: 32px; "><i>Find
Inn</i></a>
         <a class="link" href="./html/mumbai.html">Mumbai</a>
         <a class="link" href="./html/rajasthan.html">Rajasthan</a>
         <a class="link" href="./html/paris.html">Paris</a>
         <a class="link" href="./html/singapore.html">Singapore</a>
         <a class="link" href="./html/sign_in.html">Sign In</a>
         <a class="link" href="./html/create account.html">Create Account</a>
       </nav>
       <div class="dropleft">
         <div class="btn-group dropleft">
           <button type="button" class="btn btn-secondary dropdown-toggle" data-
toggle="dropdown"
             aria-haspopup="true" aria-expanded="false">
             Dropleft
           </button>
           <div class="dropdown-menu">
           </div>
         </div>
         <!-- Split dropleft button -->
         <div class="btn-group">
           <div class="btn-group dropleft" role="group">
              <button type="button" class="btn btn-secondary dropdown-toggle dropdown-
toggle-split"
                data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
                <span class="sr-only">Toggle Dropleft</span>
             </button>
              <div class="dropdown-menu">
                <!-- Dropdown menu links -->
             </div>
           </div>
           <button type="button" class="btn btn-secondary">
             Split dropleft
           </button>
         </div>
       </div>
       <div class="content">
         <div class="city">
                   City or Hotel
```

```
<div class="city_name">
            <form>
              <div class="row">
                <div class="col">
                  <input type="text" class="form-control"</pre>
                    placeholder="City or Hotel name">
                </div>
            </form>
          </div>
        </div>
      <div class="check-in">
           Check-in
          <div class="in date">
            <select class="form-control">
              <option>Check-in</option>
            </select>
          </div>
        </div>
      <div class="check-out">
           Check-out
          <div class="out_date">
            <select class="form-control">
              <option>Check-out</option>
           </select>
          </div>
        </div>
      <div class="guest">
          Rooms or Guests
          <div class="guest_no">
            <select class="form-control">
              <option>Rooms or Guests
            </select>
          </div>
        </div>
      </div>
<div class="photo">
```

```
<img class="des" src="./img/des8.jpg">
  </div>
  <div class="bottom2">
    More Places to Visit
  </div>
  <div class="carousel1">
    <div id="carouselExampleSlidesOnly" class="carousel slide" data-ride="carousel">
      <div class="carousel-inner">
         <div class="carousel-item active">
           <img src="./img/his1.jpg" class="d-block w-100" alt="...">
      </div>
    </div>
  </div>
  <div class="carousel2">
    <div id="carouselExampleSlidesOnly" class="carousel slide" data-ride="carousel">
      <div class="carousel-inner">
         <div class="carousel-item active">
           <img src="./img/his11.jpg" class="d-block w-100" alt="...">
         </div>
      </div>
    </div>
  </div>
  <div class="carousel3">
    <div id="carouselExampleSlidesOnly" class="carousel slide" data-ride="carousel">
      <div class="carousel-inner">
         <div class="carousel-item active">
           <img src="./img/his111.jpg" class="d-block w-100" alt="...">
         </div>
      </div>
    </div>
  </div>
  <button type="button" class="btn btn-primary">Search</button>
</div>
<div class="bottom3">
  <div class="bot2">
     <u><strong> Important Links</strong> </u> <br>><br>>
       <a class="link" href="./html/Help.html"> Help</a><br>
      <a class="link" href="./html/Contact.html"> Contact</a> <br/>
      <a class="link" href="./html/FAQs.html">FAQs</a><br>
      <a class="link" href="./html/privacy policy.html"> Privacy Policy</a><br>
      <a class="link" href="./html/Terms&Conditions.html">Terms & Conditions</a>
    </div>
  <div class="bot1">
```

```
 <u><strong> Top destinations</strong></u><br><br>
           <a class="link" href="./html/delhi.html"> Hotels in Delhi</a> <br/> <br/>
           <a class="link" href="./html/mumbai.html"> Hotels in Mumbai</a><br>
           <a class="link" href="./html/rajasthan.html">Hotels in Rajasthan</a><br/>br>
           <a class="link" href="./html/paris.html"> Hotels in Paris</a><br>
           <a class="link" href="./html/singapore.html"> Hotels in Singapore</a><br>
      </div>
      <a href=""><i class="fa fa-facebook" aria-hidden="true"></i></a>
        <a href=""><i class="fa fa-instagram" aria-hidden="true"></i></a>
        <a href=""><i class="fa fa-linkedin" aria-hidden="true"></i></a>
        <a href=""><i class="fa fa-google-plus" aria-hidden="true"></i></a>
        <a href=""><i class="fa fa-twitter" aria-hidden="true"></i></a>
      </div>
  </div>
</body>
</html>
```

4.2 Pseudo Code for a Particular City including all Hotels ex. Mumbai

(Mumbai.html)

```
<div>
    <div>
    <div class="top">
      HOTELS IN MUMBAI
      <div class="maps1">
         <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2624.8393832246984!2d2.
3404334150256076!3d48.86127310845883!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1
m2!1s0x3be7c6306644edc1%3A0x5da4ed8f8d648c69!2sMumbai%2C%20Maharashtra!5e0!3m
2!1sen!2sin!4v1585381049400!5m2!1sen!2sin"
           width="500" height="250" frameborder="0" style="border:0;" allowfullscreen=""
aria-hidden="false"
           tabindex="0"></iframe>
      </div>
    </div>
    <div class="filters">
      <h5 class="k1">Popular Filters</h5>
      <div class="facilities">
         <strong>FACILITIES</strong>
         <div class="form-check">
           <input class="form-check-input position-static" type="checkbox"</pre>
id="blankCheckbox" value="option1"
             aria-label="Parking">
           Free WiFi
         </div>
      </div>
      <div class="room_faci">
         <strong>ROOM FACILITIES</strong>
         <div class="form-check">
           <input class="form-check-input position-static" type="checkbox"</pre>
id="blankCheckbox" value="option1"
             aria-label="Parking">
           Air Conditioning
         </div>
      </div>
      <div class="district">
         <strong>DISTRICT</strong>
         <div class="form-check">
           <input class="form-check-input position-static" type="checkbox"</pre>
id="blankCheckbox" value="option1"
```

```
aria-label="Parking">
           South delhi
        </div>
      </div>
    </div>
    <div class="hotel1">
      <a href="../html/diplomat_mumbai.html">
        <div class="item">
           <div class="hotel img">
             <div id="carouselExampleSlidesOnly" class="carousel slide" data-</pre>
ride="carousel">
               <div class="carousel-inner">
                 <div class="carousel-item active">
                   <img src="../img/diplomat1.jpg" class="d-block w-100" alt="...">
                 </div>
               </div>
             </div>
           </div>
           <div class="hotel_map1">
             <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d482632.80357888085!2d7
2.60097961428167!3d19.08268809565839!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m
2!1s0x3be7d1c0e9c0b203%3A0x131d205ee41d9ab7!2sHotel%20Diplomat!5e0!3m2!1sen!2sin!
4v1585381128946!5m2!1sen!2sin"
               width="200" height="100" frameborder="0" style="border:0;"
allowfullscreen=""
               aria-hidden="false" tabindex="0"></iframe>
           </div>
           <div class="hotel_con">
             Hotel Diplomat<br>
              Aerocity<br>
               3.9km from Delhi Airport<br>
             <strong> Free Wifi Airport Transfer Free cancellation Breakfast</strong>
             <div class="price1">
               <div class="rating">
                 <input type="radio" name="star" id="star1"><label for="star1"></label>
               </div>
                <br>price per night<br>
                Rs. 4,472
             </div>
           </div>
        </div>
      </a>
    </div>
  </div>
```

4.3 Pseudo Code for a Particular Hotel of a City eg. Hotel diplomat in Mumbai

(diplomat_mumbai.html)

```
<div class="ext">
    <div style="background-color: #D9F0FF;">
       <div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">

    class="carousel-indicators">

            data-target="#carouselExampleIndicators" data-slide-to="0"
class="active">
         <div class="carousel-inner">
            <div class="carousel-item active">
              <img src="../img/diplomat1.jpg" class="d-block w-100" alt="...">
           </div>
         </div>
         <a class="carousel-control-prev" href="#carouselExampleIndicators" role="button"
data-slide="prev">
           <span class="carousel-control-prev-icon" aria-hidden="true"></span>
           <span class="sr-only">Previous</span>
         </a>
         <a class="carousel-control-next" href="#carouselExampleIndicators" role="button"
data-slide="next">
           <span class="carousel-control-next-icon" aria-hidden="true"></span>
           <span class="sr-only">Next</span>
         </a>
       </div>
       <div class="picture" style="width: 400px;" data-toggle="modal" data-target=".bd-</pre>
example-modal-lg">
         <figure class="figure">
           <img src="../img/diplomat1.jpg" class="figure-img img-fluid rounded"</pre>
alt="fox1.jpg">
           <figcaption class="figure-caption">See Photos</figcaption>
         </figure>
       <div class="modal fade bd-example-modal-lg" tabindex="-1" role="dialog" aria-</pre>
labelledby="myLargeModalLabel"
         aria-hidden="true">
         <div class="modal-dialog modal-lg" role="document">
           <div class="modal-content">
```

```
<figure class="figure4">
                      <img src="../img/diplomat4.jpg" class="figure-img img-fluid rounded"</pre>
                        alt="fox1.jpg">
                    </figure>
                  >
                    <figure class="figure5">
                      <img src="../img/diplomat5.jpg" class="figure-img img-fluid rounded"</pre>
                        alt="fox1.jpg">
                    </figure>
                  <figure class="figure6">
                      <img src="../img/diplomat6.jpg" class="figure-img img-fluid rounded"</pre>
                        alt="fox1.jpg">
                    </figure>
                  </div>
         </div>
      </div>
      <div class="maps" style="margin-left: 50px;">
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d482632.80357888085!2d7
2.60097961428167!3d19.08268809565839!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m
2!1s0x3be7d1c0e9c0b203%3A0x131d205ee41d9ab7!2sHotel%20Diplomat!5e0!3m2!1sen!2sin!
4v1585381128946!5m2!1sen!2sin"
           width="500" height="250" frameborder="0" style="border:0;" allowfullscreen=""
aria-hidden="false"
           tabindex="0"></iframe>
      </div>
    </div>
    <br>><br>>
    <div class="location">
      <h4>HOTEL DIPLOMAT MUMBAI</h4>
      <H5>24-26, Boman Behram Marg, Apollo Bunder, Mumbai - 400001</H5>
      <hr><hr><hr><
      <h5>Location:</h5>Located at a 5-minute drive from Chhatrapati Shivaji Terminus,
Hotel Diplomat offers
```

multi-purpose venues, a restaurant-cum-bar and Wi-Fi access. Strategically located at a stone's throw from

the iconic Gateway of India, Hotel Diplomat offers 50 accommodation units for a comfortable stay. Classified

into Standard Room, Deluxe Room and Suite categories, these rooms feature basic amenities like cable TV and

Wi-Fi access. Owing to its strategic location, the hotel is an ideal pick for business as well as leisure

travellers. Services offered at this hotel include parking, concierge, safe deposit lockers, laundry,

foreign exchange, airport pick-up and drop and doctor-on-call. There are three multipurpose venues on-site,

which are apt for formal as well as informal events like conferences and parties. An evening visit to

Chowpatty Beach and Marine Drive, situated near the hotel, is recommended for guests staying at Hotel

Diplomat. These are two of the favourite tourist hotspots and perfect places to enjoy fresh sea breeze.

```
</div><br>
<div>
  <div class="faci">
    <div>
      <h4>FACILITIES at Red Fox Hotel Delhi Airport</h4><br>
      <div class="f1">
        <div class="f2">
                <h4>Free WiFi</h4>
              </div>
            </div>
      <div class="fac1">
        <strong> FOOD AND DRINKS</strong><br>
        Restaurant<br>
        Cafe<br>
        Dining Area<br>
      </div>
      <div class="fac2">
        <strong> TRANSFERS</strong><br>
        Airport Transfer<br>
        Pickup Drop<br>
```

```
</div>
<div class="fac3">
 <strong> BUSINESS CENTER AND CONFERENCES</strong><br>
 Conference Room<br>
 Photocopying < br >
 Business Centre
</div>
<div class="fac4">
 <strong> BEAUTY AND SPA</strong><br>
 Facial Treatments<br>
 Massage
</div>
<div class="fac5">
  <strong> COMMON AREA</strong><br>
 Lounge<br>
 Reception<br>
 Seating Area
</div>
<div class="fac6">
  <strong> SAFETY AND SECURITY</strong><br>
 Emergency Exit Map<br/>
 Safe<br>
 Electronic Keycard<br>
 Security
</div>
<div class="fac7">
  <strong> PAYMENT SERVICES</strong><br>
 Currency Exchange
</div>
<div class="b1">
  <u> <strong>BASIC FACILITIES</strong></u> <br>
 Room Service<br>
         Power Backup<br>
         Elevator Lift
       </div>
<div class="b2">
 <u> <strong> GENERAL SERVICES</strong></u> <br> <br/> br>
```

```
Luggage Storage<br>
                     Concierge
                   </div>
        </div>
      </div>
<br/>
      <div class="rules amara">
        <hr><br><
        <h4>Hotel Rules and Policies</h4> <br>
        <strong> Guest Profile : </strong>
        Unmarried couples allowedSuitable for children.Free! One child under 12 years stays
free of charge when
        using existing beds. Free! One child under 2 years stays free of charge in a crib.
        <br><strong>Smoking/Alcohol consumption Rules : </strong>
        Smoking within the premises is not allowed
        <br><strong>Society Rules : </strong>
        0-5 years old get free breakfast 6-11 years old can enjoy child breakfast rate of
SGD23.54 nett
        Additional Adult breakfast cost SGD32.96 nett
        <br/><br><strong>Payment Related : </strong>
        Credit/debit cards are accepted. Cards accepted at the hotel:
AmericanExpress, Euro/Mastercard, Visa, Diners Club
      <div class="reviews_cosy"><hr><br>
        <h4> REVIEWS AND RATINGS</h4> <br>
        <div class="media">
          <div class="media-body">
            <h5 class="mt-0"> Hotel diplomat. Every time from next timeHotel diplomat.
Every time from next time</h5>Biraja Prasanna Mohanty, Mar 17, 2020<br><br><br><br/>
            Perfect Location for this price you won't get a better hotel at this location. Service
is excellent. Rooms are clean and comfy. Extra marks for cleanliness. Thank you.
          </div>
        </div>
      </div>
    </div>
```

4.4 Pseudo Code for Register Page

(register.html)

```
<h2>Create Account</h2>
 <br>><br>>
 <div class="sign"><br><br>
    <br>
    <div class="signin">
      <input class="pin" type="text" placeholder="First Name"><br><br>
      <input class="pin" type="text" placeholder="Last Name"><br>><br>>
      <input class="pin" type="text" placeholder="email"><br><br>
      <input class="pin" type="text" placeholder="Password"><br><br>
      <input class="pin" type="text" placeholder="Confirm password"><br><br>
      <button type="button" class="btn btn-primary">Sign Up</button>
    </div><br><br><br>
 </div>
 <br><br><br>>
 <h3>Or</h3>
 <br><br><br>>
 <a href=""><i class="fa fa-facebook" aria-hidden="true"></i></a>
    <a href=""><i class="fa fa-apple" aria-hidden="true"></i></a>
    <a href=""><i class="fa fa-google" aria-hidden="true"></i></a>
```

4.5 Pseudo Code for Login Page

(login.html)

```
<h2>Sign In</h2>
       <br/>

       <div class="sign"><br><br>
                <br>
                <div class="signin">
                        <input class="pin" type="text" placeholder="email address"><br><br>
                        <input class="pin" type="text" placeholder="Password"><br><br>
                        <h5>Forgot Password?</h5><br>
                       <h6>By signing in, I agree to <a href="../html/Terms&Conditions.html"> Terms &
Conditions </a>and <a
                                       href="../html/privacy_policy.html">Privacy Policy</a></h6>
                        <br/><br>> <button type="button" class="btn btn-primary">Sign In</button><br><br>
                        <button type="button" class="btn btn-primary">Cancel</button>
                </div> <br> <br> <br>
       </div>
       <br><br><br>>
       < h3 > Or < /h3 >
       <br><br><br>>
       <a href=""><i class="fa fa-facebook" aria-hidden="true"></i></a>
                <a href=""><i class="fa fa-apple" aria-hidden="true"></i></a>
                <a href=""><i class="fa fa-google" aria-hidden="true"></i></a>
```

4.6 Pseudo Code for CSS Page

(Index.css)

```
button{
                                                   h3{
position: relative;
                                                   text-align: center;
                                                   h4{
.sign{
                                                   text-align: center;
background-color: lavender;
width: 700px;
                                                   .input{
margin-left: 300px;
                                                   position: relative;
margin-bottom: 30px;
                                                   text-align: center;
position: relative;
                                                   .icon{
.signin{
                                                   display: flex;
position: relative;
                                                   position: absolute;
text-align: center;
                                                   top: 50%;
                                                   left: 30%;
                                                   transform: translate(20px,500px);
}
h2{
text-align: center;
                                                   .icon li{
color: blue;
                                                   list-style: none;
/**********/
                                                   .icon li a{
                                                   width: 70px;
.back1{
margin:100px;
                                                   height: 50px;
height: 2000px;
                                                   background: white;
background-color: orange;
                                                   text-align: center;
position: relative;
                                                   line-height: 50px;
                                                   font-size: 25px;
                                                   margin: 0 20px;
                                                   display: block;
.navbar11{
width: 100%;
                                                   border-radius: 10%;
background-color: navy;
                                                   position: relative;
position: relative;
                                                   overflow: hidden;
margin: 0px;
                                                   border: 3px solid black;
                                                   z-index: 1;
.currency1{
background-color: wheat;
                                                   .icon li a .fa{
border-radius: 5px;
                                                   position: relative;
transform: translate(300px,-10px);
                                                   color: #262626;
                                                   transition: .5s;
.add_type{
                                                   z-index: 3;
```

```
margin-top: 8px;
width: 160px;
height: 50px;
border-radius: 5px;
                                                  .icon li a:hover .fa{
                                                  color: #fff:
                                                  transform: rotateY(360deg);
.dropleft{
transform: translate(490px,-40px);
color: black;
                                                  .icon li a:before{
height: 50px;
                                                  content: ";
width: 50px;
                                                  position: absolute;
                                                  width: 100%;
.drop{
                                                  height: 100%;
transform: translate(790px,-120px);
                                                  background: #f00;
color: black;
                                                  transition: .5s;
                                                  z-index: 2;
.language1{
background-color: wheat;
                                                  .icon li a:hover:before{
border-radius: 5px;
                                                  top: 0;
width: 160px;
height: 50px;
                                                  .icon li:nth-child(1) a:before{
                                                  background: #3b5999;
.content{
height:230px;
                                                  .icon li:nth-child(4) a:before{
background-color: rgb(202, 238, 252);
                                                  background: #dd4b39;
transform: translateY(-205px);
                                                  .icon li:nth-child(3) a:before{
}
.city{
                                                  background: #0077B5;
background-color: rgb(8, 8, 128);
transform: translate(10px,60px);
                                                  .icon li:nth-child(2) a:before{
margin:10px;
                                                  background: #e4405f;
border-radius: 5px;
position: absolute;
                                                  .icon li:nth-child(5) a:before{
                                                  background: #55acee;
.check-in{
background-color: rgb(8, 8, 128);
                                                  h5{text-align: right;
transform: translate(420px,60px);
                                                  color: blue;
margin:10px;
                                                  margin-right: 40px;
border-radius: 5px;
                                                  }
position: absolute;
                                                  .check-out{
                                                  background-color: rgb(8, 8, 128);
                                                  transform: translate(635px,60px);
.guest{
background-color: rgb(8, 8, 128);
                                                  margin:10px;
transform: translate(850px,60px);
                                                  border-radius: 5px;
border-radius: 5px;
                                                  position: absolute;
position: absolute;
```

CHAPTER FIVE

PROJECT IMPLEMENTATION

5.1 Graphical User Interface Requirement

User interfaces for the Hotel Booking System are designed as HTML pages. The contents are generated dynamically by JavaScript in executing requests from users. Hotel Booking System GUI is an easy-to-use interface. The GUI is written using Hyper Text Markup Language (HTML) Version 6.0 forms. The Hotel Booking System GUI is executable under Internet Explorer 5.0 or greater. The following sub-section Figure 8 explains the GUI functions and details.

HTML

amara_singa.html bkc_mumbai.html

bombay_mumbai.html carlton_mumbai.html

cluny_paris.html cosy_grand_delhi.html

registration.html delhi.html

diplomat_mumbai.html discounts.html

eiffel_paris.html emerald_delhi.html

faqs.html feel_rajasthan.html

help.html hotel_samrat.html

j8_singa.html confidential_paris.html

login.html luxemborg_paris.html

marin_singa.html mumbai.html

pan_singa.html	paris.html
privacy_policy.html	pushkar_rajasthan.html
qutub_heights.html	rajasthan.html
ranthambore_raj.html	red_fox_delhi.html
regent_rajasthan.html	rr62_rajasthan.html
singapore.html	swissotel_singa.html
terms&conditions.html	top_destinations.html
trident_mumbai.html	villa_paris.html

Figure . System Architecture Pages

5.2 Graphical User Interface Website

5.2.1 Home of FindInn Project

This page is the Main (Home) page of FindInn Website. This page offers the following links:

- (1) Check Availability: All visitors in FindInn can check hotels room availability for all information about room price and quantity for their specific arrival date and departure date. No login required. Here users can check the room availability within one year from the current date (system time).
- (2) **Hotel Information:** All visitors in FindInn can check the hotel information. No login required. After selecting from dropdown button, the particular city page will display basic introduction for all hotels in that city.
- (3) **Register:** If users are first time to visit FindInn, they can register themselves as a new user.
- (4) Login: If users are the existing members at FindInn, they can login themselves to access all the available resources.
- (5) Other Links: In the bottom of this page, there are several buttons for linking options. First five are "Contact Us", "Terms and Conditions", "Privacy Policy", "FAQs" and "Few Hotels Cities" for hotel information.

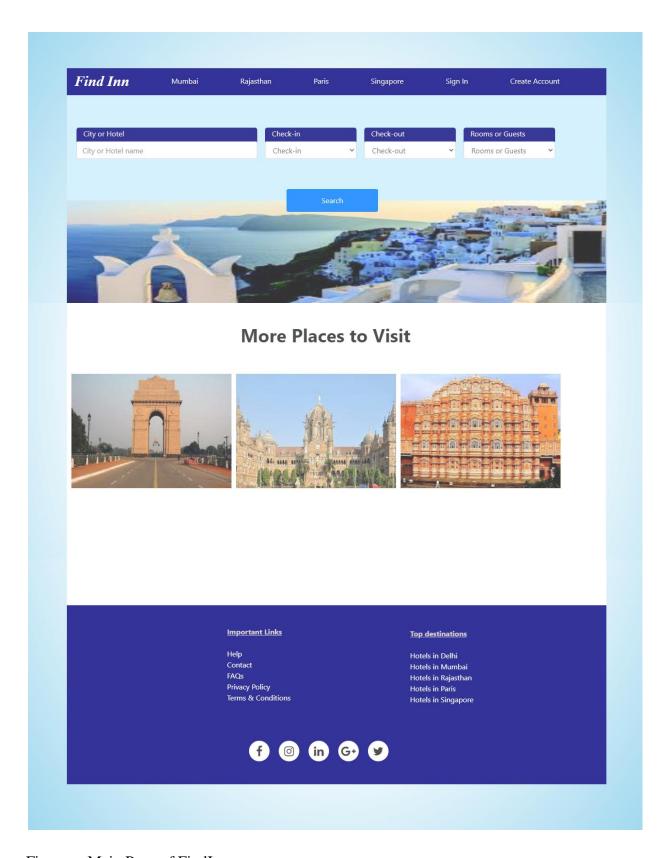


Figure . Main Page of FindInn

5.2.2 Particular City of FindInn Project

This page is the Particular City page of FindInn Website. It displays all the available hotels in that city by clicking on every block which will open the clicked hotel. It contains the map of that city through which user can track the city's location. It also contains popular filters like "Facilities", "Room Facilities", "District" which helps in fast and efficient searching of the ideal hotel.

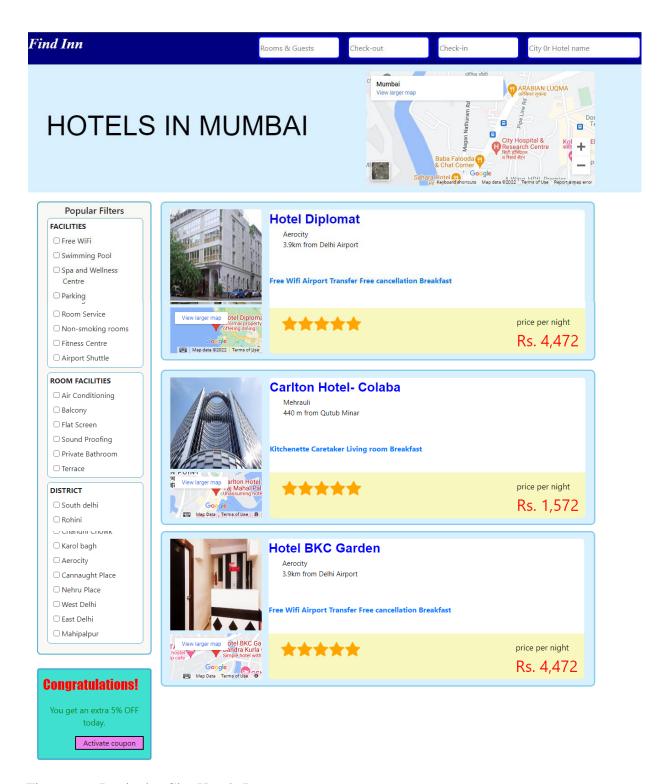


Figure . Particular City Hotels Page

5.2.3 Particular Hotel in a Particular City of FindInn Project

This page is the Particular Hotel in a Particular City page of FindInn Website. It displays all the available information of that hotel such as "Address", "Facilities", "Location through Google Map", "Room Types", "Reviews and Ratings", etc. This page offers the following links:

- (1) **Book a room:** If users would like to book a room in a particular hotel, they can click this button for a start. When they click it, the page will be linked to User Login page to let users enter both email and password in order to login their personal account; If users are first time in visit FindInn, they need to register themselves as a new user. After login, users can start to book.
- (2) Check Availability: All visitors can check that hotel's room availability for all information about room price and quantity for their specific arrival date and departure date. No login required. Here users can check the room availability within one year from the current date (system time).
- (3). Room Information: All visitors can check the hotel's room information. No login required. It contains basic introduction for all types of rooms in that hotel.

Find Inn

Rooms & Guests Check-out Check-in City 0r Hotel name

Home / City / Hotel







HOTEL DIPLOMAT MUMBAI

24-26, Boman Behram Marg, Apollo Bunder, Mumbai - 400001

Location:

Located at a 5-minute drive from Chhatrapati Shivaji Terminus, Hotel Diplomat offers multi-purpose venues, a restaurant-cum-bar and Wi-Fi access. Strategically located at a stone's throw from the iconic Gateway of India, Hotel Diplomat offers 50 accommodation units for a comfortable stay. Classified into Standard Room, Deluxe Room and Suite categories, these rooms feature basic amenities like cable TV and Wi-Fi access. Owing to its strategic location, the hotel is an ideal pick for business as well as leisure travellers. Services offered at this hotel include parking, concierge, safe deposit lockers, laundry, foreign exchange, airport pick-up and drop and doctor-on-call. There are three multi-purpose venues on-site, which are after formal as well as informal events like conferences and parties. An evening visit to Chowpatty Beach and Marine Drive, situated near the hotel, is recommended for guests staying at Hotel Diplomat. These are two of the favourite tourist hotspots and perfect places to enjoy fresh sea breeze.

FACILITIES at Red Fox Hotel Delhi Airport

Free WiFi		Room Se	ervice	Elevator	/Lift	Conference Room
FOOD AND DRII Restaurant Cafe Dining Area	NKS	TRANSFERS Airport Transfer Pickup Drop	BUSINESS CENTE Conference Room Photocopying Business Centre	R AND CONFERENC	EES	BEAUTY AND SPA Facial Treatments Massage
COMMON AREA Lounge Reception Seating Area		PAYMENT SERVICES Currency Exchange				SAFETY AND SECURITY Emergency Exit Map Safe Electronic Keycard Security
BASIC FACILITIES						
Room Service	■ Free Wi-Fi	Vending Machine Air Conditioning (Room	Smoking Rooms	■ Telephone ■ Refrigerator	NewspaperPublic	TorchSmoke Detector
Backup Elevator Lift	■ Intercom	controlled) Vending Machine	Laundry ServiceParking	Housekeeping	Restrooms Umbrellas	(Lobby) • Attached Bathroom
GENERAL SERVICES						
 Luggage Storag 	ge • Mail Service	s • Doctor on Call	 Bellboy Service 			
 Concierge 	■ Luggage As	sistance Ticket Tour Assistance	■ Electrical Sockets			

Guest Profile: Unmarried couples allowedSuitable for children. Free! One child under 12 years stays free of charge when using existing beds. Free! One child under 2 years stays free of charge in a crib.

Smoking/Alcohol consumption Rules: Smoking within the premises is not allowed

Society Rules: 0-5 years old get free breakfast 6-11 years old can enjoy child breakfast rate of SGD23.54 nett Additional Adult breakfast cost SGD32.96 nett

Payment Related: Credit/debit cards are accepted. Cards accepted at the hotel: American Express, Euro/Mastercard, Visa, Diners Club

Space Related: Guests wont have to climb stairs to reach the roomThere are some restrictions on food..Outside food is not allowed in Hotel

REVIEWS AND RATINGS

Hotel diplomat. Every time from next timeHotel diplomat. Every time from next time

Biraja Prasanna Mohanty, Mar 17, 2020

Perfect Location for this price you won't get a better hotel at this location. Service is excellent. Rooms are clean and comfy. Extra marks for cleanliness. They were considerate enough to allow early check-in with no extra cost, love them for that. All in all the best stay I had in Mumbai. Thank you.

Pleasant stay

Anurag Agarwal, Mar 13, 2020

Stayed for couple of nights with family. They upgraded room as we requested for higher floor which was not available, it was a good gesture. Very supportive staff. Excellent location. Overall we enjoyed our stay.

Excellent Stay

Arghya Adhikari, Mar 06, 2020

Recommended for staying in the Hotel

Okayish stay

Ketan Katkar, Mar 02, 2020

No covered parking, when we arrived room was not ready, breakfast was alright, no slippers on room, dusty rooms

Value for money

Khushboo Chahal, Mar 01, 2020

They provide basic facilities. Locality is really good with lot of tourists attractions and eateries around. No Hhotel parking, though pay and park available in front of the hotel.

I regularly stay there since I Am lawyer and come to Mumbai for court case

Shantala Sankrit, Feb 29, 2020

I Am regular to your Hotel as I Am a lawyer and come to Mumbai for court case it's a nice located Hotel and I had a pleasant stay but you should have some discount for your regular customers.

Excellent Stay

SONALI SHUKLA, Feb 25, 2020

One important thing to note is no Rastrorant in the Hotel, food order is delivered by outside. Rest is amazing. Room size, cleaning, reception, hospitality and location is above mark. Great

Hotel Diplomat

has replied on Feb 27, 2020

Dear Ms. Sonali, thank you for taking time to review us on Make My Trip. Please note that we have 24 hours room service available and we have our own kitchen. Besides we have another two restaurants COLABA SOCIAL and PAPPY along with Bar also available in our hotel. Hope next time you can enjoy our restaurant facilities also. Regards, Prasanta Das, Front Office Manager.

Figure . Particular Hotel Page

5.2.4 Register Page

If users click the button "Register" in the main page of FindInn, the page will be linked to Add User Record page.

In this page users need to fill out all fields except field "Address2". If any field is blank, after users click "Submit" button, the page will pop up a small window showing the specific field you missed and remind you to input the data in order to finish this form.

In the field "County/State", if users choose "United States" in country, they need input the 2-letter abbreviation from US states in either uppercase or lowercase. If users do not input an abbreviation from states in US, it will show error message "Invalid state" and then users need to re-input.

In the field "Telephone Number", users need to input data in all digits, no space or dash is allowed; otherwise the page will display the error message.

In the field "Email", if users have been registered in FindInn already and database finds the record, it will display error message "Email is in use already". Users cannot finish the registration until they change another substitute email address.

In the field "Password", users need to input a password whose length is between 6 and 12 characters; otherwise the page will display the error message.

The registration form cannot be finished if this page has any warning message displayed. After the registration is successful, page will be linked to "User Login" page.

Registration Form

User Full Name		Username		
User Password		Confirm Password		
User Mobile		User Email ID		
Date of Birth		Address Line 1		
Address Line 2		User City	Please Select \$	
User State	Please Select	User Country	Please Select \$	•
User Image	Choose file No file chosen			
	Save User			

Figure . Register Page

5.2.5 Login Page

In the User Login page users can input their registered email and password in order to login.

If the email and password cannot be matched, it will display error message and users need to reinput again until they succeed.

If users have not registered in FindInn and go to this page, I offer a link "register" above the form to let users register themselves as a new user.

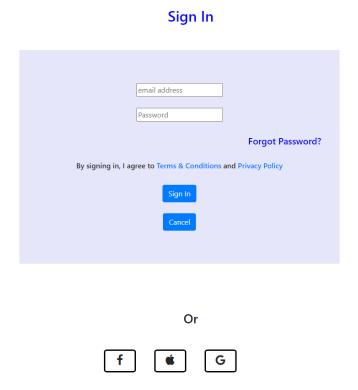


Figure . Login Page

5.2.6 Booking Details Page

In this page users will start to fill out the booking information. They need to choose the arrival year, arrival month, arrival day, departure year, departure month, and departure day, room quantity, room type, extra required in Network and PC, number of adults, number of children, room options, and enter the special requirement in the required field if they need.

In these fields, if users choose wrong value in either of arrival year, arrival month, arrival day, departure year, departure month, or departure day, the page will display error message and users need to re-choose the correct value to continue the booking. The page will not skip to next one until these fields are chosen in appropriate values.

If users choose a specific date which there is no quantity left in some specific room type, the page will display error message and then users need to re-choose the alternative date or change other room types until the page does not display the error message.

In the field "Room Quantity" and "Room Type", every room type requires the limited number of occupants. Corresponding to the room quantity chosen by users, it has a limited number of total occupants. The page will display error message if users cannot match its requirements.

This page will not skip to next one until all fields are chosen in appropriate values. After clicking the "Booking" button and all fields are correct, the page will be linked to "Confirm Booking" page.

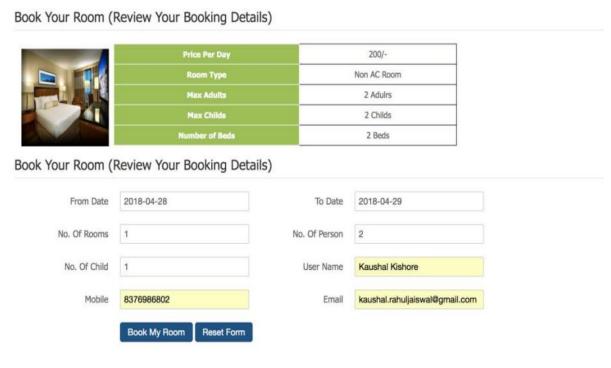


Figure . Booking Details Page

5.2.7 Confirm Booking Page

In this page users can see all details of their booking details including personal profile. If these booking details are correct, they can click the button "Next" to next page; otherwise they can click "Change" to change their booking information.

Hotel Booking Receipt	(Your booking	was successfull !!!)
-----------------------	---------------	----------------------

Booking Refrence ID	100008		
Booking Date	2018-04-28		
Name	Kaushal Kishore		
Mobile	8376986802		
Email	kaushal.rahuljaiswal@gmail.com		
From Date	2018-04-28		
To Date	2018-04-29		
Number of Rooms	1 Rooms		
Total Number of Adults	2 Adults		
Total Number of Childs	1 Children		
Total Amount Paid	200/-		

Print

Figure 23. Confirm Booking Page

5.2.8 Payment Page

Users need to input their credit card information at this page. At present, the GoodLuck payment system only accepts credit card types in Visa, Master card, Discover, or American Express. Sorry no other types of cards will be accepted.

When users input card number, the length of card number should match between 15 and 16. The 15-digit option is for American Express card only. The rest of cards are all in 16-digit. If users do not match the requirement here, the page will display corresponding error messages.

In the option "expiration date", users cannot choose date before the current month; otherwise the page will display the error message.

This page will not skip to next one until all fields are chosen in appropriate values.

After users click the "Done" button, the page will be linked to "Booking Completed" page.

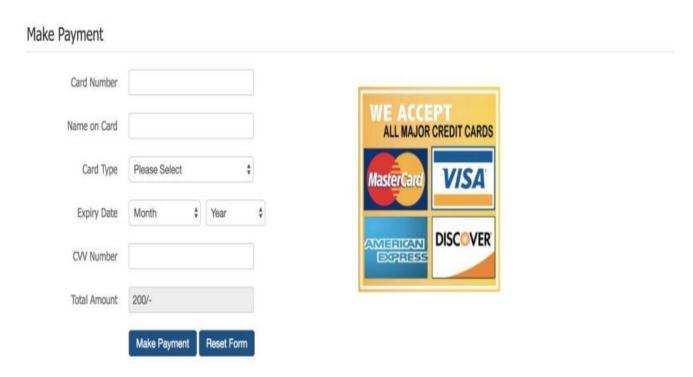


Figure 27 Payment Page

5.2.9 View Booking Details Page

After login, when users click in either of "View Booking", "change booking", or "Cancel Booking" button, they will see this page. In this page, users can view all their booking history in FindInn. If the Edit field displays "No", it means the specific booking has been1 expired or the arrival date is less than 3 days from today. They cannot change or cancel this specific booking. If it has options "Change" and "Cancel" on it, it means users can change or cancel this specific booking.

If users click the option "Change", the page will be linked to Change Booking Details page.

If users click the option "Cancel", the page will be linked to the "Cancel Booking Determined" page.

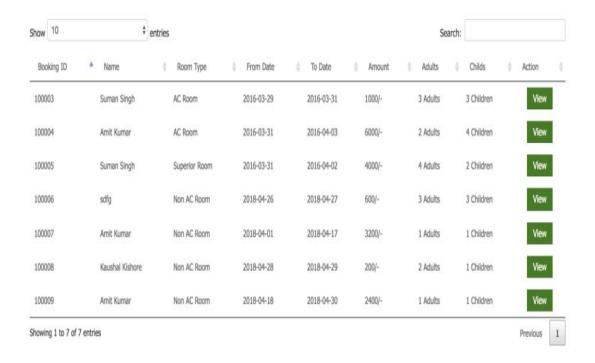


Figure 31. View Booking Details Page

5.2.10 Frequently Asked Questions Page (FAQs)

This page displays some frequently asked Questions & Answers.

FAQs Frequently Asked Questions

Payments and refunds

1. How do I get a receipt?

If you wish to get a receipt, please use Agoda's self-service option. The self-service option allows you to get your receipt under your company name and address. You can also make this request by signing in to 'My bookings' via the website. Please note that we only offer an electronic receipt in PDF format.

2. When will I get my refund?

Refunds, if applicable, will immediately be submitted to our bank. From the submission/refund date, banks may take up to 30 days to refund this amount, or until your next billing cycle. The refund should be converted to your local currency by your credit card company. How your reservation is processed will determine what shows on your card statement. However, your statement will ALWAYS show "Agoda" somewhere in the subject line.

In some countries, the AgodaCash is offered as a refund and can be credited to your account instantaneously.

3. I don't have a credit card. Can I pay by another method?

Yes! Agoda offers travelers multiple convenient ways to pay, including PayPal, debit card, bank transfer, online bank transfer, or even ATM and local counter payments in some countries. Many of our hotels, villas, and apartments even let you pay in person upon check-in. These payment methods are subject to availability and will appear as options on your booking form

4. Can I pay cash at the property for my reservation?

Agoda currently only accepts credit cards (Visa, MasterCard, AMEX, JCB, IDEAL, and Carte Bleue) and PayPal. 1) Rate per room per night - Pay online: If a room is available and you've submitted your credit card details and agreed to the booking conditions on the booking form, the reservation is then confirmed and a booking confirmation will be automatically sent to your e-mail address. This confirmation is only issued after we have verified and charged your credit card. The booking confirmation AND credit card must be presented upon check-in, together with a valid form of photo ID.

2) Book Now, Pay Later - Pay online: Book Now, Pay Later is just that - make a booking now, pay for it later. The booking will be instantly confirmed. The booking conditions (cancellation policy) will determine when you are billed. The actual charge date will be approximately 2-3 days prior to the property's booking conditions becoming active. At that time, you will be charged the full amount. This option is only available for Visa, MasterCard, AMEX, and JCB. Please make sure you select "Pay Later" when you input your credit card details.

3) Special Rates - Pay at the hotel: Agoda works in partnership with other companies to ensure we offer the best rates. If you choose to stay at a hotel where an Agoda partner has provided the lowest rate, we will confirm your reservation and issue a confirmation email. In such cases, we will not charge your card. You will be required to pay the hotel directly upon check-out and the hotel's own cancellation policy will apply. The title of the rate section for these hotels is 'Special rates' instead of 'Rate per room per night'.

Please note: The property reserves the right to preauthorize/charge your credit card prior to arrival. Timing and amount of charges will be in line with the conditions of your booking.

Check booking status

1. When do I get a confirmation email?

In most cases, you will receive this email along with the booking voucher (PDF file) within 30 minutes of booking. If you still haven't received it after that time, please check your junk mail and/or spam filters. You can always view your booking status online by signing in and selecting "My bookings" from the account

2. How do I know if my reservation is confirmed?

In most cases, you will receive a confirmation email along with the booking voucher (PDF file) within 30 minutes of you making the booking. The booking voucher indicates that you have a confirmed booking with Agoda. Should you not receive it after this time, please check your junk mail and/or spam filters. You can also check your booking status by signing in to "My bookings" via the website.

Cancel a booking

1. Where can I find the cancellation policy?

When searching for the room rate, booking conditions will be right under the room type description. To check further, you can also click on the "Book now" button which will direct you to the booking form. The cancellation policy/booking conditions link can be found in the middle of every page of the booking form. It will also be stated in the confirmation email we send you. If you cancel your booking via self-service, the cancellation policy will be shown again upon cancellation. Note: Details and conditions in the cancellation policy will be different for each booking depending on the property, period of stay, room type, etc. Please read this carefully before submitting your booking.

2. Will I be charged if I cancel my booking?

The details and conditions of the cancellation policy will be different for each booking depending on the property, period of stay, room type, promotion, etc. When searching for the room rate, booking conditions will be right under the room type description. To check further, you can also click on the "Book now" button which will direct you to the booking form. The cancellation policy/booking conditions link can be found in the middle of every page of the booking form. It will also be stated in the confirmation email we send you. If you cancel your booking via self-service, the cancellation policy will be shown again upon cancellation.

3. When will I get my refund?

Refunds, if applicable, will immediately be submitted to our bank. From the submission/refund date, banks may take up to 30 days to refund this amount, or until your next billing cycle. The refund should be converted to your local currency by your credit card company. How your reservation is processed will determine what shows on your card statement. However, your statement will ALWAYS show "Agoda" somewhere in the subject line.

4. How can I cancel my booking?

Agoda now provides you with a self service option. Just by clicking on the self-service link provided in your confirmation email, you will be able to cancel your booking. You can also cancel your booking by signing in to "My bookings" via the website.

Writing reviews

1. How can I review a hotel?

In order to ensure that all reviews are legitimate, only customers with a valid completed booking are allowed to submit a hotel review. After completing your stay, you should receive an email with a link to a review submission page for that stay. This page is also accessible through your Agoda account page; the review section has a list of properties you've stayed at and which are available to review.

2. Why isn't my Agoda Verified Review posted on your website?

Agoda Verified Reviews are screened by editors before being posted to our website to make sure the content complies with our review guidelines, available here. We work hard to approve reviews and get them onto the site as quickly as possible.

Login

1. What should I do if I cannot sign in to my account or have lost my username and password?

Your password is case-sensitive. Please make sure that you properly use uppercase and lowercase characters when entering your password. You can set a new password at any time by using the following "Forgot your password?" link: www.agoda.com/rewards/login_problems.html

2. I have entered the password sent to me and it says that the information is invalid. What am I doing wrong?

Your password is case-sensitive, so make sure that you are entering the password correctly.

If you are still having problems, you can request the password to be resent to you by email using this link: www.agoda.com/rewards/login_problems.html

Figure . Frequently Asked Questions Page (FAQs)

5.2.11 Contact Us Page

This page displays basic contacting information and service options in FindInn.

Customer Service Help Centre

Sign in to access the <u>Help Centre</u>, contact <u>Customer Service</u> or get in touch with your accomodation provider.

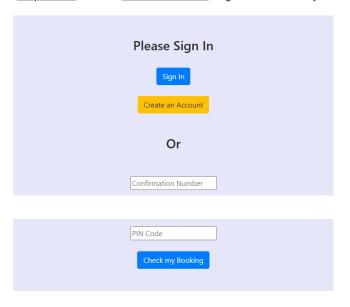


Figure . Contact us Page

5.2.12 Privacy Policy Page

This page displays some basic Q&A in privacy policy part. If users still cannot get the answer on the page, they can call Customer Service Department for help.

Privacy Policy

Introduction

This Privacy Policy describes how collects, uses, and shares information about you when you visit and interact on our website (mobile and desktop) or other means connected to the Sites (such as contacting our customer service team via chat or email). Below is a summary of our privacy practices. Our full Privacy Policy is available below.

1. Information We Collect

We collect information about you that you provide to us when using the Site, such as your name, address, phone number, credit card details, e-mail address, accommodation name, accommodation location and/or length of stay, and your account password for accommodation reservations.

By visiting our Site, we may also automatically collect certain usage information, such as your IP address, geographic data, country,

2. How We Use the Information We Collect

We may use information collected through the Site to:

- Provide you with the requested services, such as creating a user account, processing and confirming your reservation, and communicating with you about services requested (e.g., pre-reservation or post booking chat support (excluding credit card number), special request, cancellations, rewards
- · Send you email marketing communications about products and services that may be relevant to you
- Conduct surveys or provide you with information about our services on our Site or on other websites you may visit
- Maintain and improve the Site, tailor the user experience, and for internal training
- Protect the security of you and the Site
- Exercising a right or obligation conferred or imposed by law, including responding to request and legal demands

When you make a reservation on one of our business partners' websites or apps, we may also receive certain information such as your name and reservation information, including the accommodation reserved, in order to process your reservation and identify which channel your reservation has originated from.

3. Mobile Devices

With your consent, we may send you push notifications with information about your reservation, potential future stays, or as part of any programs that you participate in, including coupons. You may grant us access to your location information or contact details in order to provide services requested by you. When you upload a picture from your mobile device, your picture may also be tagged with your location information. Please read the instructions of your mobile device to understand how to change the settings and enable the sharing of such information or the receipt of (or opt out of receiving) push notifications (including Software Development Kit ("SDK") and push token data). Different device operating systems may have different default settings, so please familiarize yourself with such settings governing push notifications.

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4. Sharing Your Information

In connection with your visit to our Site and use of our services, we may share your information as follows:

- Travel Suppliers such as accommodation properties (e.g., the specific accommodation that you have requested us to reserve)
 and/or third party accommodation suppliers (e.g., Booking.com), airline, car rental, insurance, and, where available, activity
 providers, who fulfil your travel reservations. These suppliers may contact you as necessary to obtain additional information
 about you, facilitate your travel reservation including communicating with you prior to arrival about your upcoming stay, or
 respond to a review you may submit in accordance with their own independent privacy policies.
- Third Party Service Providers who provide data processing services to us (for example web hosting), or who otherwise
 process personal information for purposes such as credit card and payment processing, business analytics, customer service,
 marketing, or distribution of surveys, to facilitate the delivery of online services and advertising tailored to your interests,
 and/or fraud prevention. Our third party service providers will only process information as needed to perform their functions.
 They are not permitted to share or use the information for any other purpose.
- Business Partners with whom we may jointly offer products or services, or whose products or services may be offered on our Sites. You can tell when a third-party business partner is involved in a product or service you have requested because their name will appear, either alone or with ours. If you choose to access these optional services, we will on occasion share your personal information with those partners. An example of a business partner would be a third-party loyalty program that you will earn points for, through a booking.
- Our Affiliated Group Companies our affiliated (group) companies' employees who have access to this information with our
 permission and who need to know or have access to this information to perform the service requested by you (including
 customer services) and internal (audit/compliance) investigations.

5. Cookies

Our Site uses and allows third parties to place cookies (session and persistent), pixels/tags, SDKs, application program interfaces ("APIs"), and other technologies (collectively, "Cookies") on our Site that collect and store certain information about you. Some of these Cookies are necessary to provide, secure, and maintain the Site to you, such as to keep you logged in while your visit our Site, while other Cookies are used to provide you with a better user experience, such as:

- To personalize the Site by remembering information about your activities on the Site (e.g., the language you selected or your log-in details). We may also use Cookies together with other automatically collected usage information to recognize a user across different devices, sessions or browsers (including when they have not logged-in) so as to deliver tailored information;
- Perform website analytics, such as impression reporting, demographic reporting and interest reporting. This may include the
- To provided you advertising tailored to your interest (see below for details)
- Interest Based Advertising

We may also allow certain third parties to place Cookies on our Site in order to collect information about your online activities on our Site (e.g., pages visited on the Site and searches you performed) and over time and across different websites you may visit. This information is used to provide advertising tailored to your interests from us (via email, on our Site, and on other websites) and by third parties on other websites you may visit, also known as interest based advertising, and to analyze the effectiveness of such interest based advertising. We may also share one-way hashed information with third party partners (e.g., Facebook) who may combine hashed information with other identifiers in order to serve custom advertisements on other websites or mobile apps based on your prior visits to the Site. It neither supports nor endorses the goals, causes, or statements of any websites or mobile apps that display our advertisements.

Cross-Device Tracking

We may also combine information collected through Cookies and certain usage information from a particular browser or mobile device with another computer or device that may be linked to you (cross-device tracking) in order to optimize our services and provide tailored communications and advertisements to you. If you do not want it to combine such information for its optimization of communications to you please unsubscribe from the communications i.e. the newsletter.

6. Opting Out of Marketing Communications from Us

You can opt out of receiving marketing communications from us at any time by using the "Unsubscribe" link in each newsletter or communication, or through your account (if you've created one) - the email subscriptions settings is under "Profile".

7. Information from Other Partners

On occasion, affiliated entities, business partners, or other third party providers may share information with us. One example is if you access or sign in to our Site through social media, such as Facebook Connect, we may collect information from you such as your username, and other information made available to us via such services. In general, your ability to provide such information is through the service provider themselves and you can change those settings in your account settings of the relevant service provider. In general, we may work with our partners to improve and personalize your use of our website in accordance with this policy.

We have partnered with Facebook to provide personalized content on it for members of Facebook. If you are a Facebook user and you have signed into it via the Facebook single sign on feature, then our Site will be personalized for you to display information/stays of your Facebook friends at accommodation in the past and also future stays at accommodation bookable through the Site. The information that may be displayed include the name of the accommodation, the date of stay, the location of the accommodation, your review of past accommodation, the hotel room and price of the hotel room ("Stay Information"), and such information may be shown and personalized to you on the search pages of the accommodation on the Site, and the search calendar amongst other places. Further, your Stay Information will also be displayed to your Facebook friends who are also customers and who have signed in through the Facebook single sign on feature on the Site, as displayed on their search pages described above within the Site and updated each time you make a booking through it.

8. Protecting Your Information

We maintain reasonable physical, electronic, and organizational security measures to protect your information against accidental or unlawful destruction or accidental loss, alteration, or unauthorized disclosure or access. We use Secure Socket Layer technology to encrypt credit card information during transit. Through your personal account, you also have the ability to save credit card details for faster future bookings and payments. Your card details are encrypted and you can always log in to your personal account to delete, edit, or add certain credit card details. For security reasons, the number cannot be edited (but the card details can be deleted). When viewing card details, only the last 4 digits of the number will be visible. Please note that we will store the last 4 digits of your credit card securely upon any booking made (this is required to manage any refund requests for that booking).

Data Retention

We will retain your information for the period necessary to fulfil the purposes outlined in this Privacy Policy and internal company policies. When it no longer needs to use your information, we will – unless we need to keep your information to comply with applicable legal or regulatory obligations or the information is required to carry out corporate tasks and achieve our business objectives – remove it from our systems and records and/or take steps to properly anonymize it so that you can no longer be identified from it

9. How You Can Access or Change Your Information

You can easily correct your account name, the booking holder name (subject to the cancellation policy attached to the booking) and contact number at any time by signing in to your account on the website. Alternatively, please contact us via our Customer Support page to exercise any of the following rights:

- Access: You are entitled at any time to obtain information about your personal information that we store, in accordance with
 applicable law and without any fee. However, in exceptional cases we ask you to pay reasonable fees before we provide the
 information if permitted by applicable law.
- · Rectification: You may request that we rectify any of your personal information that is incomplete or incorrect
- . Deletion: You may request that we delete your account.
- Restrictions of Processing: You may ask us to cease processing of your personal information for example if you have objected
 to the processing and the existence of legitimate grounds is still under consideration.
- · Objection: You may object, at any time, to your personal information being processed for direct marketing purposes.
- Right to Revoke Consent: You have the right to withdraw your consent at any time, without affecting the lawfulness of our
 processing based on such consent before it was withdrawn.
- Data Portability: If applicable, you may request us to send you your personal information which we store, in a commonly used and machine readable format which shall be decided at our sole discretion.
- To protect your privacy and security, we will verify your identity before responding to such request, and your request will be
 answered within a reasonable timeframe. We may not be able to allow you to access certain personal information in some cases
 e.g. if your personal information is connected with personal information of other persons, or for legal reasons. In such cases,
 we will provide you with an explanation why you cannot obtain this information. We may also deny your request for deletion or
 rectification of your personal information due to statutory provisions, especially those affecting our accounting processes,
 processing of claims, for fraud detection or prevention purposes, and mandatory data retention, which may prohibit deletion
 or anonymization.

10. Updates to Privacy Policy

On occasion, it may revise this Privacy Policy to reflect changes in the law, our information collection and use practices, the features of our Site, or advances in technology. If we make revisions that change the way we collect or use your information, those changes will be posted in this Privacy Policy and the effective date will be noted at the beginning of this Privacy Policy. Therefore, you should review this Privacy Policy periodically so that you are up to date on our most current policies and practices. It will also prominently post such material changes prior to implementing the change, and ask for your consent if required by law.

Figure . Privacy Policy Page

5.2.13 Terms and Conditions Page

This page displays some basic Q&A in privacy policy part. If users still cannot get the answer on the page, they can call Customer Service Department for help.

Terms & Conditions

Last updated 24 March 2020

These Terms of Use apply to your use of our Site and the services offered through it. Your use of the Site indicates your acceptance of the Terms of Use, including the polices incorporated into them by reference. If you do not accept the Terms of Use, you must not use the Site or the services.

The Terms of Use incorporate various policies, including those listed below. The policies may apply to specific Services or programs offered by us.

It may amend the Terms of Use from time-to-time by publishing changes on the site.

1. Scope of our Services

Accommodation Reservation Facilitation

Through the Site, it provides an online platform through which you can browse different types of hotels and make reservations with such Accommodations, including already making payment for such reservations of Accommodations in advance with a credit card, debit card or such other payment method to facilitate the processing of such payment ("Payment Instrument"). By making a booking through the Site, you make an offer to book a reservation at the price listed for such reservation and such other terms and conditions stated on the Site. This shall become a binding contract formed in Singapore pursuant to the Terms of Use when accepted by the Accommodation. You will receive proof of the confirmed Accommodation booking via an e-mail confirmation (with a voucher for prepaid Accommodations), which means the reservation has been confirmed by the Accommodation. The "thank you page" means your reservation request has been received and is complete for final processing, no further action is required by you. We reserve the right to reject bookings as set out below.

Accordingly, as a condition of using the Site, you agree not to use the Site or its contents or information for any commercial or non-personal purpose (direct or indirect) or for any purpose that is illegal, unlawful or prohibited by the Terms of Use. Except with our prior written authorization, you agree not to modify, copy, distribute, transmit, display, perform, reproduce, publish, license, create derivative works from, transfer, or sell or re-sell any information, software, products, or services obtained from the Site. In addition, you agree not to:

- use the Site or its contents for any non-authorized commercial purpose (e.g. forward distribution or resale of bookings without permission);
- make any speculative, false, or fraudulent booking;
- access, monitor or copy any content or information of the Site using any robot, spider, scraper or other automated means or
 any manual process for any purpose without our express prior written permission;
- violate the restrictions in any robot exclusion headers on the Site or bypass or circumvent other measures employed to prevent
 or limit access to the Site;
- take any action that imposes, or may impose, in our discretion, an unreasonable or disproportionately large load on our infrastructure;
- deep-link to any portion of the Site (including, without limitation, purchase paths) for any purpose without our express prior
 written permission;
- re-sell, use, copy, monitor (e.g. spider, scrape), display, download or reproduce any content or information, software, products or services available on the Site for any commercial or competitive activity or purpose;
- "frame", "mirror" or otherwise incorporate any part of the Site into any other website without our prior written authorization;
- deliver any unlawful (according to any and all applicable laws or regulations) postings to or through the Site, or any postings
 which advocate illegal activity;
- deliver, or provide links to, any postings containing material that could be considered harmful, obscene, pornographic, indecent, lewd, violent, abusive, profane, racist, discriminating, insulting, threatening, tortuous, harassing, hateful or otherwise objectionable;

3. Prices, Price Guarantee, Additional Charges, Taxes and Fees, exchange rates

Please note that, unless expressly indicated otherwise, all prices on the Site are for room reservations only, for the specified stay dates and number of people. Without prejudice to what is set out below, before you confirm a reservation, it will display the total price payable, including taxes and service fees, and what is included. As you select options or specify additional details, we will update the total price.

4. Privacy

We respect your privacy. Please have a look at our Privacy Policy for further information.

5. Payment - Credit Card - "Book Now, Pay Later" - Age - Fraud

For pre-paid Accommodation bookings with it, you authorize us to collect and process (including the collection and processing through a third party) your information required by processing service providers or the financial institution that issues your Payment Instrument such as a credit or debit card in order to verify your identity. Personal information collected about you and that may be shared to such third parties (including to handle your transaction and/or maintain your account) is set out in our Privacy Policy.

To complete payment for such pre-paid Accommodation bookings, you authorize us or Related Companies to charge or debit your Payment Instrument for the full price (sometimes without any option for refund depending on the Accommodation's booking conditions, see below) upon reservation and confirmation of the booking or, in case of a "Book Now, Pay Later" booking, at the future point in time communicated in the confirmation email. When using "Book Now, Pay Later", please ensure that your Payment Instrument is valid and has sufficient credit on the future payment date. If the Payment Instrument cannot be charged on such date for whatever reason, the booking will be cancelled unless you can ensure that the card payment can be authorized on time. Please check the reservation details thoroughly for any such conditions prior to making your reservation. It will process refunds, if and when applicable, within a reasonable timeframe. You also authorize the crediting to your Payment Instrument in case of reversals, refunds, or adjustments through the service which facilitates the processing of payment transactions. For certain Accommodations, it will not charge your Payment Instrument, as you will pay the Accommodation directly for your stay (post-paid). However, in such cases some Accommodations may pre-authorize your card, charge a deposit or charge the full price of the reservation up-front.

Accommodations may require credit card details in order to guarantee your reservation. As such, it will send your Payment Instrument information directly to the Accommodation at which your booking is made and may verify (i.e. pre-authorize) your Payment Instrument as well. In order to safeguard and encrypt your Payment Instrument information when in transit to us, we use the "Secure Socket Layer (SSL)" technology for our services. Please note that your bank may impose additional fees on the transaction.

In order to make a booking you must be over 18 years old (or such other age at which majority is reached in your country or territory) and have the full legal capacity to make the transaction (or have the authorization to do so from your legal guardian). You undertake that the credit or debit card you are using is your own or that you are authorized to complete the booking with this card and that there are sufficient funds to cover the cost of the transaction. You accept financial responsibility for all transactions made under your name or account. word about failed payments

For a variety of reasons, payment on the Site may fail. In such cases, it will offer you alternatives to ensure your reservation can go ahead. If you have any questions, please contact our Customer Service department.

6. Booking conditions - Cancellations, No-Shows, Early Departure and Late Check-Out – Specific Accommodation Policies - Special Needs – additional Agoda services or products

By making an Accommodation reservation on our Site, you accept and agree to the relevant Accommodation booking conditions, including cancellation and no-show policies applicable to that booking, and to any additional (delivery) terms and conditions of the Accommodation that may apply to your reservation or during your stay, including for services rendered and/or products offered by the Accommodation (the delivery terms and conditions of an Accommodation can be obtained with the relevant Accommodation). The general cancellation and no-show policy of each Accommodation is made available on the Site at the Accommodation information pages or under "Booking Conditions", "Cancellation Policies" or the like, and in the confirmation email and voucher. Please note that you may be charged for your cancellation in accordance with the Accommodation's cancellation and no-show policy in some cases for the entire stay or the first night. We recommend that you read the cancellation and no-show policy of the Accommodation carefully prior to making your reservation. If you fail to check in to your Accommodation on time on the day of your reservation and do not alert the Accommodation, the remaining portion of your reservation may be canceled and you may not be entitled to a refund, depending on the terms and conditions of the applicable Accommodation. Regardless of the Accommodation's cancellation policy, it reserves the right to charge a cancellation fee, this will be indicated on the Site. Please carefully check the Accommodation details thoroughly for any such conditions prior to making your reservation. Some Accommodations will charge extra for early or late check-outs.

If you wish to review, adjust or cancel your reservation, please revert to the confirmation email and follow the instructions therein, use our self-service tool or contact Customer Service.

10. Complaints

If you have complaints about our service, you can contact our Customer Service team via one of the methods described here. We will do our very best to help you. Please note that any complaints about the Accommodation (policies, standards, service, facilities, decoration, food, etc.) is ultimately a matter for the Accommodation itself. It will coordinate directly with the Accommodation to try and find a mutually agreeable solution but cannot guarantee a satisfactory outcome. Complaints about Ancillary Services are governed by the terms and conditions of the Partner providing the Ancillary Service.

Figure . Terms and Conditions Page

CHAPTER SIX

CONCLUSION AND FUTURE DIRECTIONS

6.1 Conclusion

The Hotel Booking System provides an environment for users to find ideal hotel and book hotel rooms, perform booking activities, and manage personal account from the FindInn website with a Web browser. The system uses Web Server running on Windows platform. To implement the system, the developer has used JavaScript, HTML, and CSS. Hotel Booking System is a user-friendly and easy-to-use system of a web-based application. Everyone who knows how to use a Web browser can register and then login to book a room, change booking details, cancel booking, and view or modify personal profile online. It is easy and fast to make a reservation.

6.2 Future Enhancements

The possible improvements that can be made for the Hotel Booking System include:

I can make the graphical user interface friendlier and more functional in the next development. The Hotel Booking System aims to provide a user-friendly interface and more functions. But there is still some room for improvements. For example, I can change the settings and functions of some options in the Web pages to make them more professional and artistic. I can also use more pop-up windows so that users can choose the value from them directly. This applies to "arrival date" and "departure date" options. In this way the users can avoid many possible mistakes caused by inappropriate input.

In future improvements, the Hotel Booking System can offer more services such as car rental, flight ticket purchase, and the vacation package advising. These services have been offered already on some real world online booking systems. In this way, people can make all their requests at once no matter they are business trip arrangement, shopping, travel, or vacation.