

ONLINE TRAVEL SERVICE

**Project Report Submitted to National Skill Training Institute for Women,
Trivandrum in the Partial Fulfillment and Requirements for IBM Advanced
Diploma(Vocational) in IT, Networking and Cloud**

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MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP
DIRECTORATE GENERAL OF TRAINING**

January 2021

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ABSTRACT

The project titled ‘Online Travel Service’ is a web based application which will help travellers to explore and book their desired travel packages instantly. This application will act as an intermediary agent selling travel packages to tourists on behalf of suppliers using the internet as a medium. The customer will have the option to compare the services provided and purchase the best deal among them.

1. INTRODUCTION

1.1 OBJECTIVE

The objective of this project is to develop a system that automates the processes and activities of a travel agency. The one-stop portal web site will provide useful information about travel products, attracting customers to visit and purchase the products. The main aim of this project is to help the tourism companies to manage their customer needs in an easy and accurate manner.

1.2 PROJECT DESCRIPTION

The Online Travel Service is all about travel and tourism services. It makes a Travel Agency more efficient and reliable. Customers are provided with different tours and travel packages depending upon their interests. Users can register on the website and search through various tours and packages displayed on the website. Searches will be location-based. Tours related information will be managed by the Admin panel in the backend and will be dynamic. Admin panels will be provided to manage locations, regions, packages, tours as per the searches done by the user.

This web based solution will be used by three types of users.

1. Guest Users
2. Users
3. Travel Agents

While guest users can visit the website and do enquiries, registered users can create and login to their own accounts, change passwords, apply and manage bookings too. The travel agents will manage different activities within the application. He/she can change passwords, create, update and manage packages and also manages enquiries, bookings and issues.

1.3 SCOPE OF WORK

India is a land of rich cultural heritage. This makes it a popular choice for tourist destinations. Tourism industry is related to maximizing the experience of tourists, travel management and tour operations. With the increase in people travelling for different purposes from across the world to our country, the need for expert services in this domain is witnessing an upsurge. Thus this project will act as a one-stop web solution for obtaining online tourism services. The various features within the website will provide both the customer and the travel agency a great travel service experience.

Travel and tourist services are the focus of the Online Travel Service. It improves the efficiency and dependability of a travel agency. Customers can choose from a variety of excursions and travel packages based on their preferences. Users can create an account on the website and search through the numerous trips and packages available. Location-based searches will be available.

2. SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

In the existing system, a customer has to approach various agencies to get details on tours and to book packages. This often requires a lot of time and effort. A customer may not get the right information from these offices and often the customer may be misguided. It is tedious for a customer to plan a particular journey and have it executed properly.

2.2 PROPOSED SYSTEM

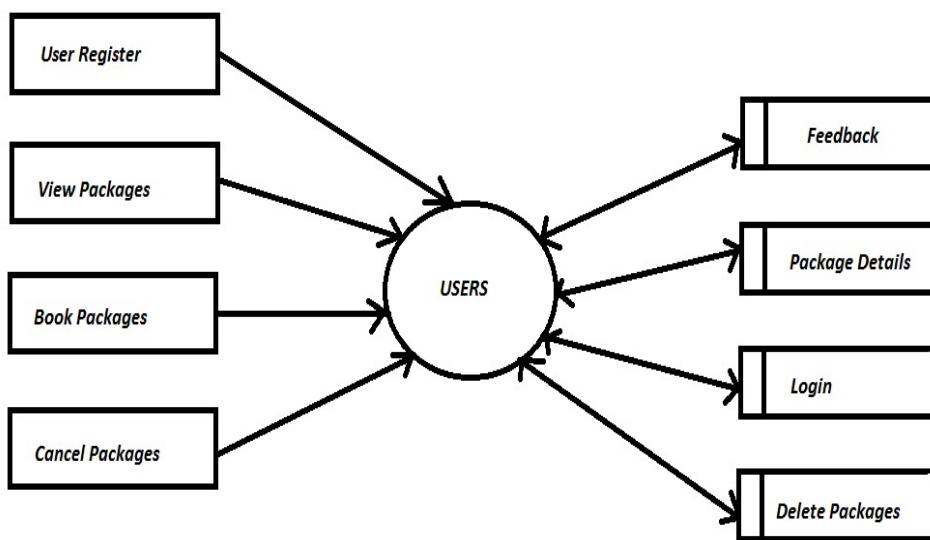
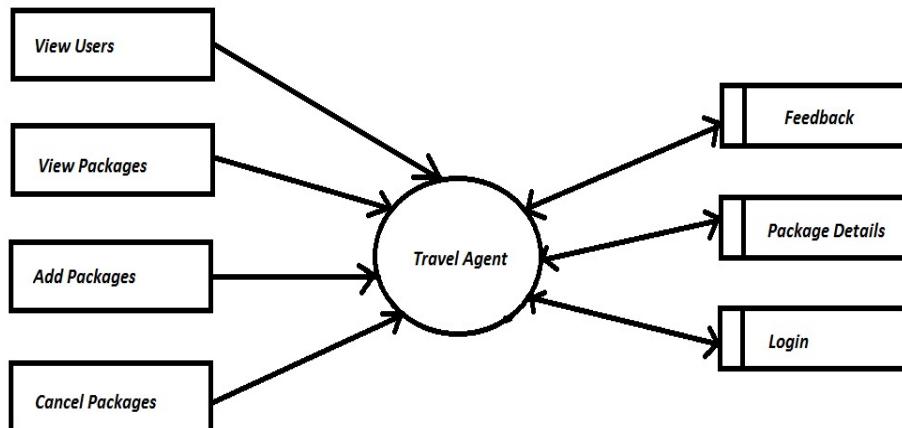
The proposed system is a web based application and maintains a centralized repository of all related information of a Travel Agency. The system allows one to easily access the relevant information and make necessary travel arrangements. Users can choose places they want to visit and make bookings online for travel and accommodation. The new system would consider the requirements of both the customers and the owners.

3. SYSTEM DESIGN

3.1 USE CASE DIAGRAM

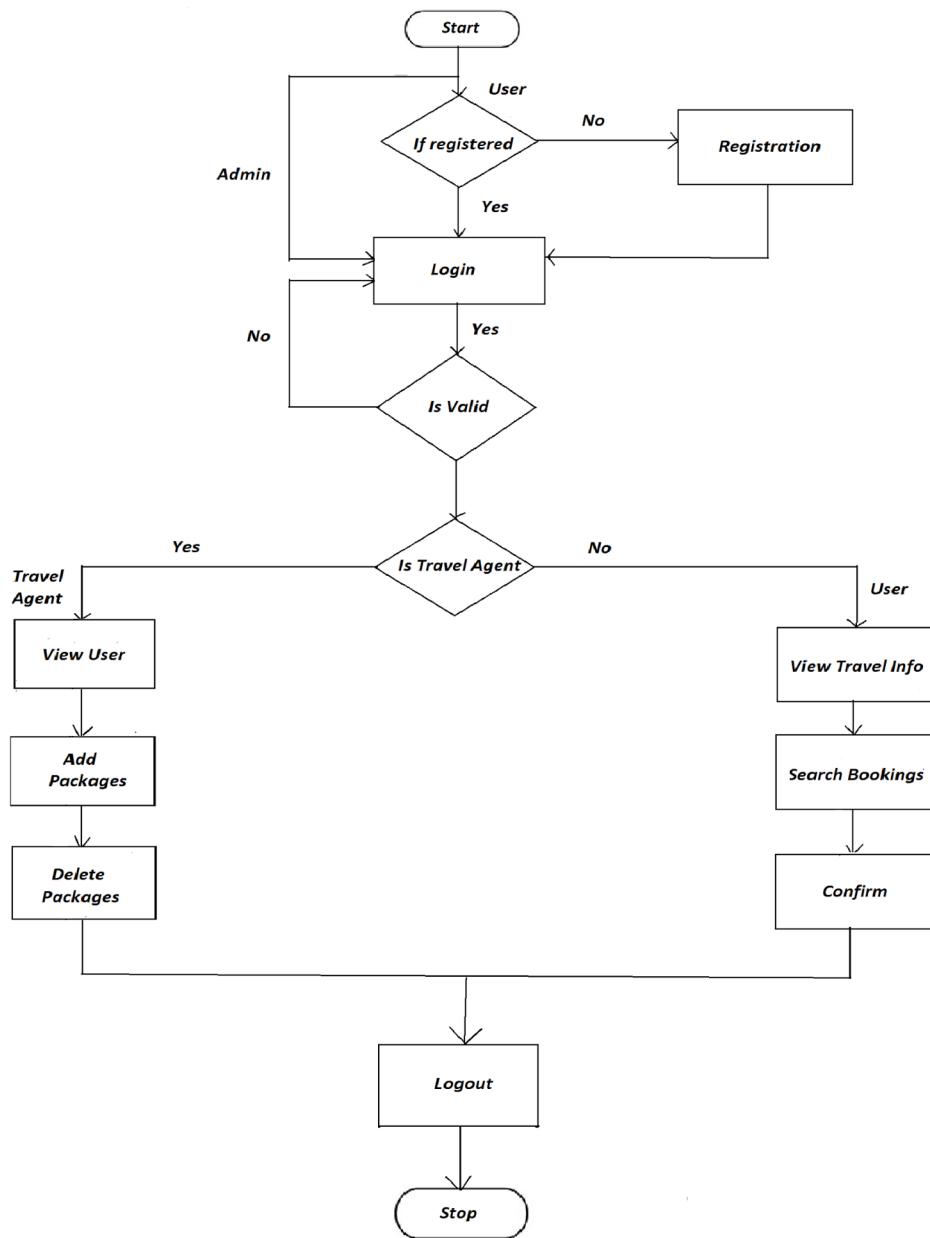
A use case diagram is a visual representation of the processes that take place within the application.

It summarizes the details of the application's users and their interactions with the application.



3.2 FLOW CHART

A Flowchart is a diagram that graphically represents the structure of the system, the flow of steps in a process, algorithm, or the sequence of steps and decisions for execution of a process or solution to a problem. It's a convenient way to observe the flow of the process from beginning to end, improve the work of the process, highlight the key elements and detach non-essential or even excessive steps.



4. SYSTEM REQUIREMENTS

4.1 SOFTWARE SPECIFICATION

Operating System	:	Windows 7 or above
Web Technologies	:	HTML, CSS, JavaScript, PHP
Code Editor	:	Notepad++, Visual Code
Software	:	XAMPP Server
Server	:	Apache Web
Browser	:	Google Chrome or any other browser

4.2 HARDWARE SPECIFICATION

RAM	:	1 GB or above
Processor	:	1 GHz or more
Hard Drive	:	32 GB or above
Network Connectivity	:	LAN or Wi-Fi

5. APPENDICES

5.1 SOURCE CODE

1. header.php

```
<!DOCTYPE html>
<html>
    <head>
        <title>Online Travel Service</title>
        <meta name="viewport" content="width=device-width,
initial-scale=1.0">
        <link href="style.css" rel="stylesheet">
    </head>
    <body>
        <header>
            <div class="nav-bar">
                <div class="nav-container">
                    <a id="log" href="index.php"></a>
                    <a href="index.php">Home</a>
                    <a href="about.php">About</a>
                    <a href="#">Tour Packages</a>
                    <a href="contact.php">Contact Us</a>
                </div>
            </div>
            <button
                onclick="document.getElementById('id01').style.display='block'"
                style="width:auto;">Sign In / Sign Up</button>
```

```
        </div>
    </div>
</header>
&ltdiv id="id01" class="modal">
    <hr/>
    &ltdiv class="login">
        &ltspan
            onclick="document.getElementById('id01').style.display='none'">
                <span>Close Modal</span>
            <form class="modal-content" action="login.php"
                autocomplete="on">
                <h1 id="logintitle">Log in</h1>
                <p>
                    <label for="email" class="email">Email</label><br/>
                    <input id="email" name="email" type="text" placeholder="e.g.
                        rahul@mail.com"/>
                </p>
                <p>
                    <label for="password" class="passwd">Password </label>
                    <input id="password" name="password" type="password" placeholder="my secret code"
                />
                </p>
                <p>
                    <a class="forgot" href="#">Forgot
                        password?</a>
                </p>
                <p>
                    <button type="submit" class="loginbtn">Continue</button>
                </p>
```

```
<p>
    <a class="adm-log"
        href="admin.php">-----Or Login as Admin-----</a>
    </p>
</form>
</div>
<div class="signup">
    <form action="login.php" autocomplete="on">
        <h1 id="signuptitle">New To Our Website?</h1>
        <p>
            <label for="fname" class="fname">Full
Name</label><br/>
            <input id="fname" name="fname"
required="required" type="text" placeholder="Enter your Full
Name"/>
        </p>
        <p>
            <label for="signemail" class="signemail">Email</label><br/>
            <input id="signemail" name="signemail"
required="required" type="text" placeholder="Email Id"/>
        </p>
        <p>
            <label for="mob" class="mob">Mobile
Number</label><br/>
            <input id="mob" name="mob" required="required"
type="text" placeholder="Mobile Number"/>
        </p>
        <p>
            <label for="psw">Password</label><br/>
            <input id="psw" type="password"
placeholder="Enter Password" name="psw" required>
        </p>
        <p>
```

```

        <label for="confirmmpsw">Confirm
    Password</label>
        <input id="confirmmpsw" type="password" placeholder="Confirm
    Password" name="confirmmpsw" required>
            </p>
            <p>
                <button type="submit" class="signupbtn">Sign
Up Now</button>
            </p>
        </form>
    </div>
</div>
</body>
</html>

```

2. footer.php

```

<!DOCTYPE html>
<html>
    <body>
        <div id="footer">
            <p>Copyright © 2020 All Rights Reserved.</p>
        </div>
    </body>
</html>

```

3. index.php

```

<!DOCTYPE html>
<html>
    <body>

```

```
<?php include 'header.php';?>
<!-- Slideshow container -->
<main>
    <div class="slideshow-container">

        <!-- Full-width images with number and caption
text -->
        <div class="mySlides fade">
            <div class="numbertext">1 / 5</div>
            
            <div class="centered">LET'S EXPLORE THE
WORLD</div>
            <div class="centered2">DISCOVER OUR PACKAGES</div>
        </div>

        <div class="mySlides fade">
            <div class="numbertext">2 / 5</div>
            
            <div class="centered">LET'S EXPLORE THE
WORLD</div>
            <div class="centered2">DISCOVER OUR PACKAGES</div>
        </div>

        <div class="mySlides fade">
            <div class="numbertext">3 / 5</div>
            
            <div class="centered">LET'S EXPLORE THE
WORLD</div>
            <div class="centered2">DISCOVER OUR PACKAGES</div>
        </div>
```

```
<div class="mySlides fade">
<div class="numbertext">4 / 5</div>

    <div class="centered">LET'S EXPLORE THE
WORLD</div>

    <div class="centered2">DISCOVER OUR PACKAGES</div>
</div>
<div class="mySlides fade">
<div class="numbertext">5 / 5</div>

    <div class="centered">LET'S EXPLORE THE
WORLD</div>

    <div class="centered2">DISCOVER OUR PACKAGES</div>
</div>

<a class="prev"
onclick="plusSlides(-1)">#10094;</a>
    <a class="next"
onclick="plusSlides(1)">#10095;</a>
</div>
<br>


<div style="text-align:center">
    <span class="dot"
onclick="currentSlide(1)"></span>
        <span class="dot"
onclick="currentSlide(2)"></span>
            <span class="dot"
onclick="currentSlide(3)"></span>
```

```
<span class="dot"
      onclick="currentSlide(4)"></span>
      <span class="dot"
      onclick="currentSlide(5)"></span>
    </div>
  </main>
<script src="script.js"></script>
<?php include 'footer.php';?>
</body>
</html>
```

4. style.css

```
body { margin: 25px; font-family: Arial, Helvetica, sans-serif; align-content: center; }

.nav-bar { max-width: 100%; overflow: hidden; background-color: white; position: relative; text-align: center; }

#log { padding: 0; }

#log a { color: black; text-decoration: none; font-size: 25px; display: inline-table; width: 400px; height: 100px; float: left; position: relative; }

.nav-container a { color: black; text-align: center; padding: 30px; text-decoration: none; font-size: 25px; display: inline-table; }
```

```

position: relative;

}

.nav-container a:hover
{
background-color: rgb(236,
229, 229);
color: green;
}

button
{
background-color:
darkgreen;
color: white;
padding: 15px 20px;
text-align: center;
text-decoration: none;
font-size: 20px;
border-radius: 5px;
float: right;
width: auto;
}

/* Slideshow container */
.slideshow-container
{
max-width: 100%;
position: relative;
margin: auto;
padding-top: 20px;
}

/* Hide the images by default
*/
.mySlides
{
display: none;
}

.slide
{
height:30%;

}
/* Next & previous buttons */
.prev, .next
{
cursor: pointer;
position: absolute;
top: 50%;
width: auto;
margin-top: -22px;
padding: 16px;
color: white;
font-weight: bold;
font-size: 18px;
transition: 0.6s ease;
border-radius: 0 3px 3px 0;
user-select: none;
}

/* Position the "next button"
to the right */
.next
{
right: 0;
border-radius: 3px 0 0 3px;
}

```

```

/* On hover, add a black
background color with a little
bit see-through */
.prev:hover, .next:hover
{
  background-color:
rgba(0,0,0,0.8);
}

/* Number text (1/5 etc) */
.numbertext
{
  color: #f2f2f2;
  font-size: 12px;
  padding: 8px 12px;
  position: absolute;
  top: 0;
}

/* The dots/bullets/indicators
*/
.dot
{
  cursor: pointer;
  height: 15px;
  width: 15px;
  margin: 0 2px;
  background-color: #bbb;
  border-radius: 50%;
  display: inline-block;
  transition: background-color
0.6s ease;
}

.active, .dot:hover {
background-color: #717171;
}

/* Fading animation */
.fade
{
  -webkit-animation-name: fade;
  -webkit-animation-duration:
1.5s;
  animation-name: fade;
  animation-duration: 1.5s;
}

@-webkit-keyframes fade
{
  from {opacity: .4}
  to {opacity: 1}
}

@keyframes fade
{
  from {opacity: .4}
  to {opacity: 1}
}

.centered
{
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%,
-50%);
  font-size: 50px;
  font-weight: bold;
}

```

```
color: white;
text-align: center;
}
.centered2
{
position: absolute;
top: 60%;
left: 55%;
transform: translate(-70%,
-70%);
font-size: 25px;
font-weight: bold;
color: white;
text-align: center;
border-color: white;
border-width: 10;
border-style: solid;
padding: 10px;
}
#padd
{
padding-left: 400px;
padding-top: 20px;
}
#footer
{
background-color: #717171;
color:white;
text-align: center;
width: 100%;
height: 30px;
display: table;
}
.modal-content
{
background-color: #fefefe;
width: 100%; /* Could be
more or less, depending on
screen size */
}
#logintitle, #signuptitle
{
color: darkgreen;
}

input[type=text],
input[type=password]
{
width: 100%;
padding: 15px;
margin: 5px 0 22px 0;
display: inline-block;
border: black;
background: white;
border-style: solid;
border-width: 1px;
border-radius: 6px;
}
/* Add a background color when
the inputs get focus */
input[type=text]:focus,
input[type=password]:focus
{
background-color: #ddd;
outline: none;
```

```

}

/* Set a style for all buttons
*/
button:hover
{
    opacity:1;
}

/* Float cancel and signup
buttons and add an equal width
*/
.signupbtn, .loginbtn
{
    float: left;
    width: 50%;
}

#centered
{
    position: absolute;
    top: 100%;
    left: 50%;
    transform: translate(-50%,
-50%);
    font-size: 50px;
    font-weight: bold;
    color:white;
    text-align: center;
    font-family: cursive;
}
#about
{
    font-size: 50px;
    font-family: 'Times New
Roman', Times, serif;
    color:brown;
}
.aboutp1
{
    font-family: "Times New
Roman", Times, serif;
    font-size: 30px;
    line-height: 1.6;
    text-align: justify;
    margin: 15px;
}
/* Add padding to container
elements */

/* The Modal (background) */
.modal
{
    display: none; /* Hidden by
default */
    position: fixed; /* Stay in
place */
    z-index: 1; /* Sit on top */
    left: 0;
    top: 0;
    /* Full height */
    overflow: hidden; /* Enable
scroll if needed */
    background-color: white;
}

```

```
/* The Close Button (x) */
.close
{
  position: absolute;
  right: 35px;
  top: 40px;
  font-size: 40px;
  font-weight: bold;
  color: darkgreen;
}

.close:hover,
.close:focus
{
  color: #f44336;
  cursor: pointer;
}

/* Clear floats */
.clearfix::after {
  content: "";
  clear: both;
  display: table;
}

/* Change styles for cancel
button and signup button on
extra small screens */
@media screen and (max-width: 300px)
{
  .loginbtn, .signupbtn {
    width: auto;
  }
  .signup, .login
  {
    display: inline-block;
    margin: 60px;
  }
  hr
  {
    position: relative;
    top: 20px;
    height: 5px;
    background: green;
    margin-bottom: 50px;
  }
  .adm-log
  {
    color: green;
    text-decoration: none;
    text-align: center;
    float: right;
    margin: 25px;
  }
}
```

5. script.js

```
var slideIndex = 1;

showSlides(slideIndex);

// Next/previous controls
function plusSlides(n) {
    showSlides(slideIndex += n);
}

// Thumbnail image controls
function currentSlide(n) {
    showSlides(slideIndex = n);
}

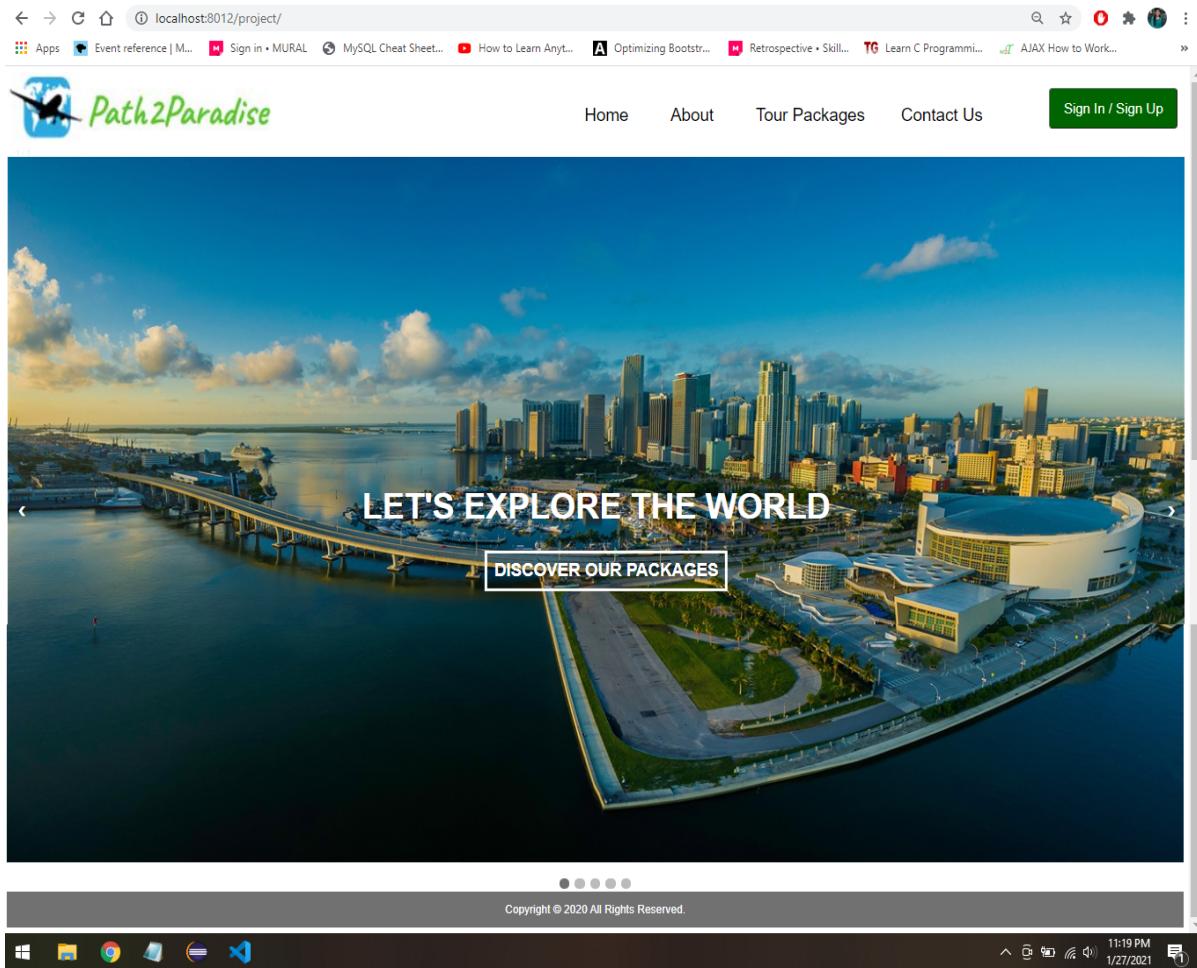
function showSlides(n) {
    var i;
    var slides = document.getElementsByClassName("mySlides");
    var dots = document.getElementsByClassName("dot");
    if (n > slides.length) {slideIndex = 1}
    if (n < 1) {slideIndex = slides.length}
    for (i = 0; i < slides.length; i++) {
        slides[i].style.display = "none";
    }
    for (i = 0; i < dots.length; i++) {
        dots[i].className = dots[i].className.replace(" active",
        "");
    }
    slides[slideIndex-1].style.display = "block";
    dots[slideIndex-1].className += " active";
}

var modal = document.getElementById('id01');
```

```
// When the user clicks anywhere outside of the modal, close it
window.onclick = function(event) {
    if (event.target == modal) {
        modal.style.display = "none";
    }
}
```

5.2 SCREENSHOTS

1. Homepage



2. About Us

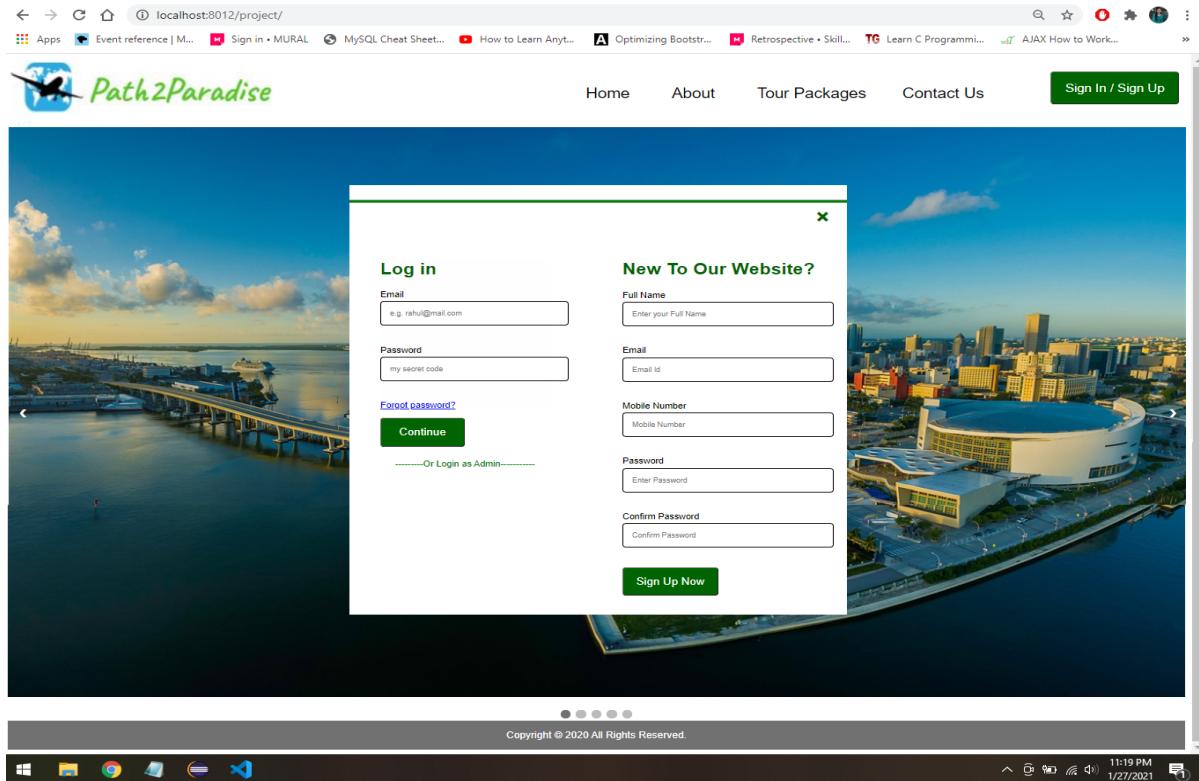
The screenshot shows a web browser window with the title bar "Online Travel Service". The address bar displays "localhost:8012/project/about.php". The page content is the "About Us" section of the "Path2Paradise" website. The header includes a logo of a bird in flight and the text "Path2Paradise". The navigation menu has links for "Home", "About", "Tour Packages", and "Contact Us", along with a "Sign In / Sign Up" button. The main visual is a photograph of a paved road curving through a green landscape under a dramatic sunset sky. Overlaid on the image is the text "YOUR PATH TO PARADISE BEGINS HERE!" in white, bold, sans-serif capital letters.

As tailor-made specialists we can design your holidays around your interests, budget and time. The holiday ideas on our website simply show what is possible. We will design and plan your personalised itinerary according to the exact requirements of your trip. Whether you prefer to be on a mountaintop or under a waterfall; wake up in the middle of a jungle or have a picnic with locals in the tea plantations – we select the accommodation and activities in order to suit not only your preferences, but also your budget.

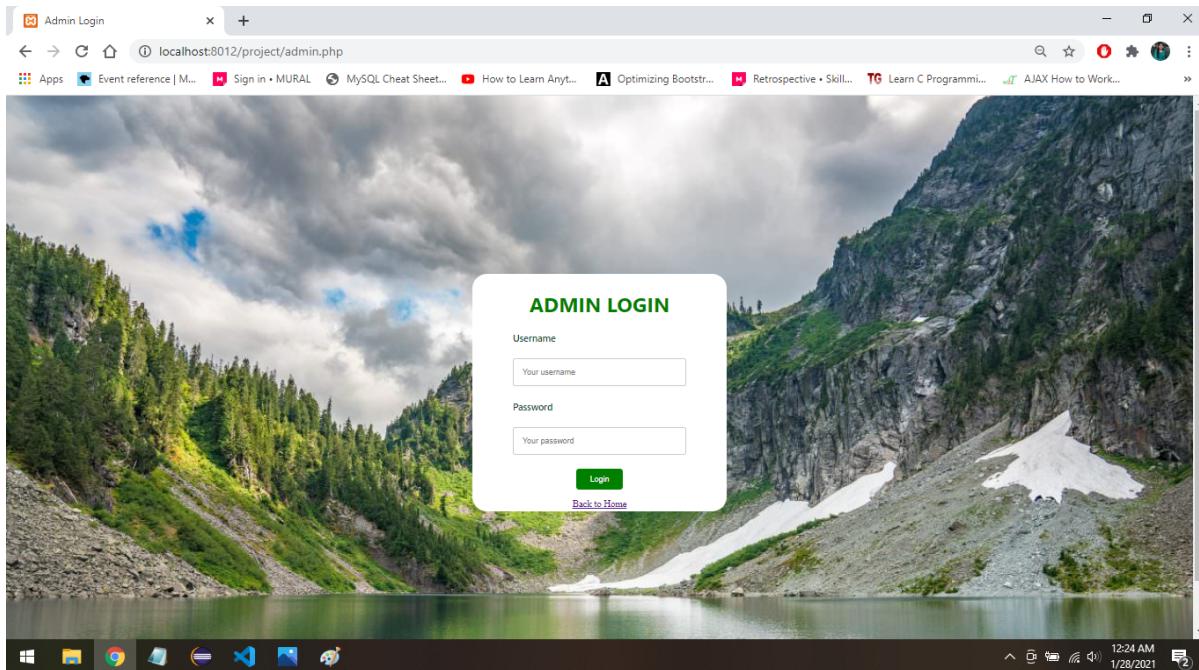
Copyright © 2020 All Rights Reserved.

11:31 PM 1/27/2021

3. Sign Up or Sign In



4. Admin Login



5. Contact Us

The screenshot shows a web browser window with the following details:

- Title Bar:** Online Travel Service - localhost:8012/project/php/contact.php
- Address Bar:** localhost:8012/project/php/contact.php
- Toolbar:** Back, Forward, Stop, Refresh, Home, Favorites, etc.
- Tab Bar:** Apps, Event reference | M..., Sign in • MURAL, MySQL Cheat Sheet..., How to Learn Any..., Optimizing Bootstrap..., Retrospective • Skill..., Learn C Programmi..., AJAX How to Work...
- Header:** Path2Paradise logo, Home, About, Tour Packages, Contact Us, Sign In / Sign Up
- Section:** CONTACT US
- Text:** GET IN TOUCH WITH US TO START PLANNING YOUR HOLIDAY
- Contact Information:**
 - Phone: +91- 5464654664
 - Email: path2paradise@yahoo.com
 - Address: Path 2 Paradise, 2nd floor, AJ Plaza, Trivandrum, Kerala
- Social Media:** Icons for WhatsApp, Facebook, and Instagram.
- Form Fields:** NAME, EMAIL, PHONE NO, SUBJECT, COMMENT (with placeholder "Write something...")
- Buttons:** Submit, Reset
- Taskbar:** Windows Start button, File Explorer, Google Chrome, Task View, Taskbar icons (File Explorer, Mail, Photos, OneDrive, Task View, File History, Taskbar Help), Date/Time (7:46 AM, 2/1/2021)

6. CONCLUSION

At the conclusion of this project, the Online Travel Service website is now ready to be integrated with a database, allowing administrators, travel agents, and other users to interact with the website. Once the back-end is completed, registered users will be able to search through the website's various tours and packages, while non-registered users will be able to browse the site and make inquiries, and admin panels will be available to handle locations, packages, and tours based on the user's searches.

7. REFERENCE

1. www.theearthtrip.com
2. www.oyorooms.com
3. www.w3schools.com
4. www.stackoverflow.com