**Advanced Software Engineering**

**Take Home Exam**

**Tourist Map Finder**

**Source Code:**

Route:

<%@ Page Title="" Language="C#" MasterPageFile="~/Site.Master" AutoEventWireup="true" CodeBehind="Route.aspx.cs" Inherits="WebApplication1.WebForm7" %>

<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

<script src="http://maps.googleapis.com/maps/api/js?key=AIzaSyBYZsg2jaedlY7r481YSuUpc5WMSZNH9aU&sensor=false">

</script>

<script>

var directionsDisplay;

var directionsService = new google.maps.DirectionsService();

function InitializeMap() {

directionsDisplay = new google.maps.DirectionsRenderer();

var latlng = new google.maps.LatLng(-34.397, 150.644);

var myOptions =

{

zoom: 8,

center: latlng,

mapTypeId: google.maps.MapTypeId.ROADMAP

};

var map = new google.maps.Map(document.getElementById("map"), myOptions);

directionsDisplay.setMap(map);

directionsDisplay.setPanel(document.getElementById('directionpanel'));

var control = document.getElementById('control');

control.style.display = 'block';

}

function calcRoute() {

var start = document.getElementById('startvalue').value;

var end = document.getElementById('endvalue').value;

document.getElementById("<%=hiddenfield.ClientID%>").value = start + end;

var request = {

origin: start,

destination: end,

travelMode: google.maps.DirectionsTravelMode.DRIVING

};

directionsService.route(request, function (response, status) {

if (status == google.maps.DirectionsStatus.OK) {

directionsDisplay.setDirections(response);

}

});

}

function Button1\_onclick() {

calcRoute();

}

window.onload = InitializeMap;

</script>

<table id="control">

<tr>

<td>

<table>

<tr>

<h1>My Maps</h1>

</tr>

<tr>

<td>From:</td>

<td>

<input id="startvalue" type="text" style="width: 305px" /></td>

</tr>

<tr>

<td>To:</td>

<td>

<input id="endvalue" type="text" style="width: 301px" /></td>

</tr>

<tr>

<td align="right">

<%--<asp:Button runat="server" ID="btnDirections" OnClientClick="return Button1\_onclick()" OnClick="btnDirections\_Click" Text="Get Directions"/>--%>

<input id="Button1" type="button" value="GetDirections" onclick="return Button1\_onclick()" /></td>

</tr>

</table>

</td>

</tr>

<tr>

<td valign="top">

<div id="directionpanel" style="height: 390px; overflow: auto"></div>

</td>

<td valign="top">

<div id="map" style="height: 390px; width: 489px"></div>

</td>

</tr>

<tr>

<td>

<asp:HiddenField runat="server" ID="hiddenfield" />

</td>

</tr>

</table>

</asp:Content>

RouteShop:

<%@ Page Title="" Language="C#" MasterPageFile="~/Site.Master" AutoEventWireup="true" CodeBehind="RouteShop.aspx.cs" Inherits="WebApplication1.WebForm8" %>

<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

Pick any route from

<asp:Button runat="server" Text="Route Shop" ID="btnRouteShop" OnClick="btnRouteShop\_Click" />

<asp:DropDownList ID="ddlHistory" runat="server">

<asp:ListItem>Hyderabad-Hitech City</asp:ListItem>

<asp:ListItem Selected="True">Select</asp:ListItem>

</asp:DropDownList>

<asp:Button runat="server" ID="btnGo" Text="Go" />

</asp:Content>

Site.Master:

<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="Site.master.cs" Inherits="WebApplication1.Site" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title></title>

<style type="text/css">

.auto-style1

{

width: 1232px;

height: 354px;

}

.auto-style2

{

height: 59px;

}

.auto-style3

{

height: 90px;

}

.auto-style4

{

height: 354px;

width: 200px;

}

.Menu

{

}

.Menu ul

{

background: #7795BD;

}

.Menu ul li

{

background: #7795BD url(menu\_bg.gif) repeat-x;

text-align: center;

/\* set width if needed.\*/

width: 200px;

}

.Menu ul li a

{

color: black;

padding: 4px 2px 4px;

padding-left: 8px !important;

border: 1px solid #648ABD;

border-bottom: 0;

}

.Menu ul li a:hover

{

background-image: none;

}

.Menu ul li a:hover

{

color: White;

}

.Menu ul li a

{

color: Black;

}

</style>

</head>

<body style="background: url(/Image/globe1.jpg)">

<form id="form1" runat="server">

<div>

<table border="1" style="border-color: blue">

<%--tr style=”background: url(/images/tr-background.gif) no-repeat 0 0;--%>

<%--<tr style="background-image: url(/Image/map.jpg)">--%>

<tr>

<td colspan="2" class="auto-style3" style="text-align: center">

<h1>Tourist Map Finder</h1>

</td>

</tr>

<tr>

<td colspan="2" style="text-align: right">Welcome <% =Page.User.Identity.Name %><asp:Label runat="server" ID="lblLoggedInUserName"></asp:Label>

<asp:LinkButton ID="lnkSignOut" runat="server" Text="Sign Out" OnClick="lnkSignOut\_Click" Visible="false"></asp:LinkButton>

</td>

</tr>

<tr>

<td class="auto-style4" style="vertical-align: text-top">

<asp:Menu ID="Menu1" runat="server" CssClass="Menu">

<Items>

<asp:MenuItem Text="Login" Value="Login" NavigateUrl="~/Login.aspx"></asp:MenuItem>

<asp:MenuItem Text="Home" Value="Home" NavigateUrl="~/Registration/Home.aspx"></asp:MenuItem>

<asp:MenuItem Text="Welcome" Value="Welcome" NavigateUrl="~/Welcome.aspx"></asp:MenuItem>

<asp:MenuItem Text="About Us" Value="AboutUs" NavigateUrl="~/Registration/AboutUs.aspx"></asp:MenuItem>

<asp:MenuItem Text="Register" Value="Register" NavigateUrl="~/Registration/Register.aspx"></asp:MenuItem>

<asp:MenuItem Text="Contact" Value="Contact" NavigateUrl="~/Contact.aspx"></asp:MenuItem>

</Items>

</asp:Menu>

</td>

<%--<td class="auto-style1" style="background-image: url(/Image/globe1.jpg)">--%>

<td class="auto-style1">

<asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">

<h2>This is the place where contents are displayed.</h2>

</asp:ContentPlaceHolder>

</td>

</tr>

<tr>

<td colspan="2" class="auto-style2" style="font-family: Arial; text-align: center">

<h1>Maps In Your Hand</h1>

</td>

</tr>

</table>

</div>

</form>

</body>

</html>