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| --- | --- |
|  | **AY1617S1** |
|  | Mobile Applications Development 2 |



Name: Elmer Yeo Kai Fang (P1514784)

Chen Zhuo Hui (1514432)

Class: DBIT2B22

Lecturer: **Mr Tan Hu Shien**

Date of Submission: 5th August 2016

App Name: Traveler

Purpose of App

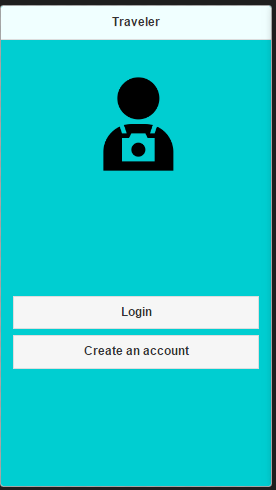
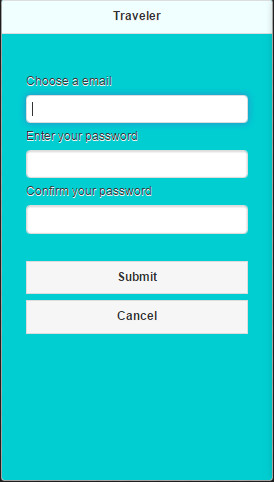
Traveler is a mobile application which is aimed for tourists who likes things to be simple and effortless. With several features packed into one single app, tourists won’t have to download multiple applications such as hotel reservation or a route directory whenever they travel. With it, tourists will have an easy time locating hotels, attractions etc, ensuring that they will have a pleasant time throughout the trip. Also, it has a feature where it will generate a list of attraction/places of interests, based on their current location, so that they can find a place to enjoy themselves nearby.

Main features:

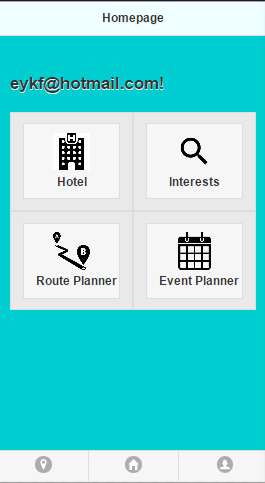
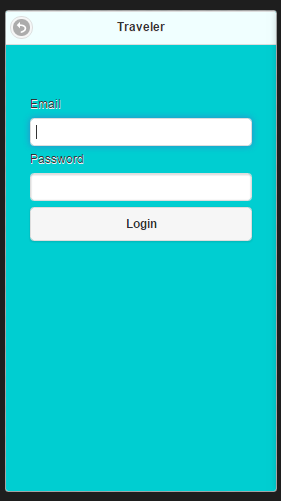
* Hotel reservation. Key in information that will be sent to the database with their current account.
* List of hotels. Lists of hotels displayed
* Attractions lists. Uses geolocation and LOCO API to generate any venues of interests within the location
* Route planner. Allows the user to key in their location to find out how to get to another location
* Geolocation. Shows users of the app where they are currently at.

APIs Used

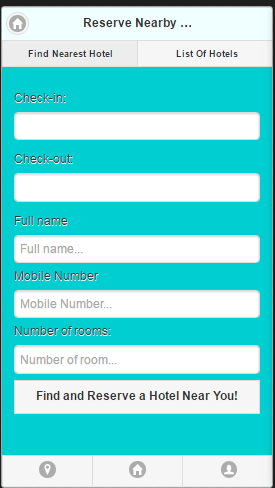
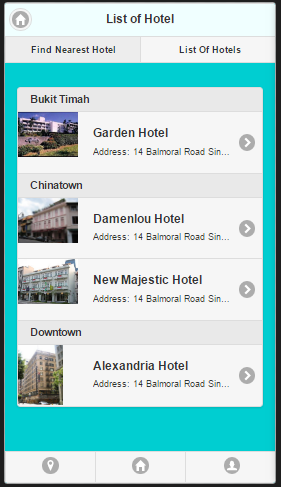
1. LOCO API
2. Firebase API
3. Google Maps API

** **

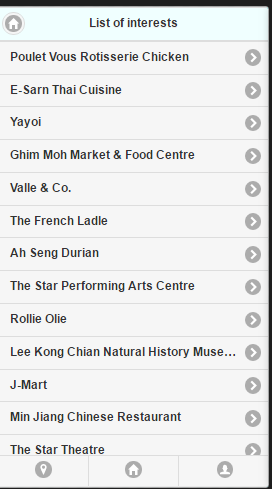
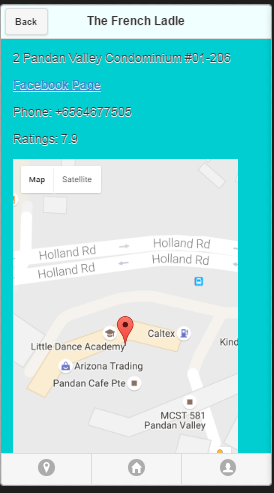
**First Page Create Account Page**

****

**Login Page Home Page**

** **

**Hotel Main Page List Of Hotel Page**

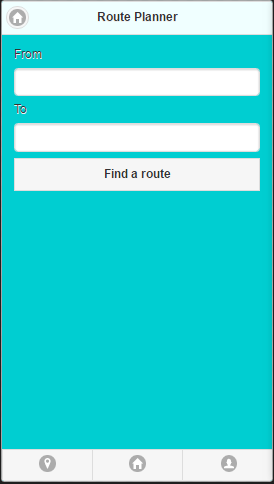
** **

**List Of Interest Location Page**

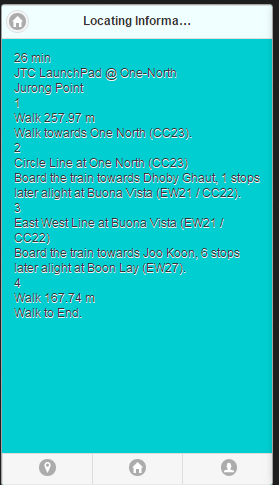
**Interest/**

**Attractions**

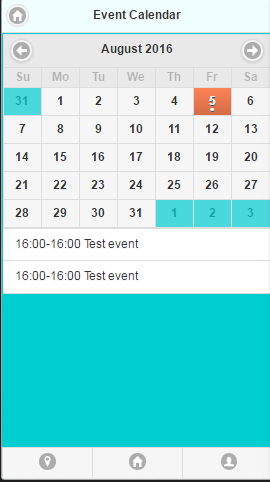
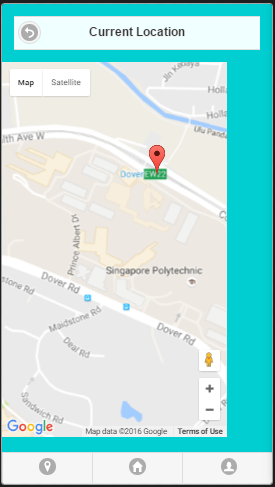
**Page**

****

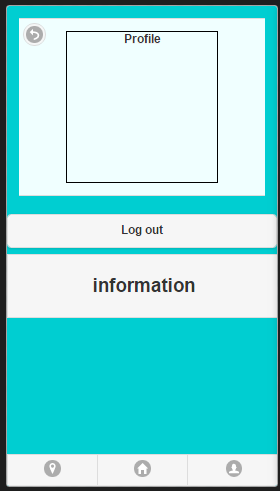
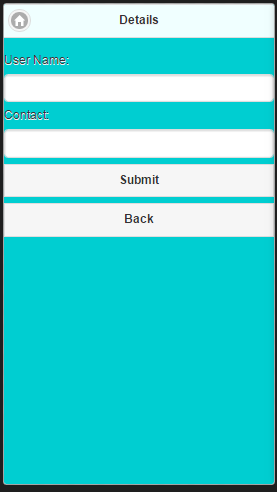
**Route Planner Page**

****

**Route Planner Locating Information Page**

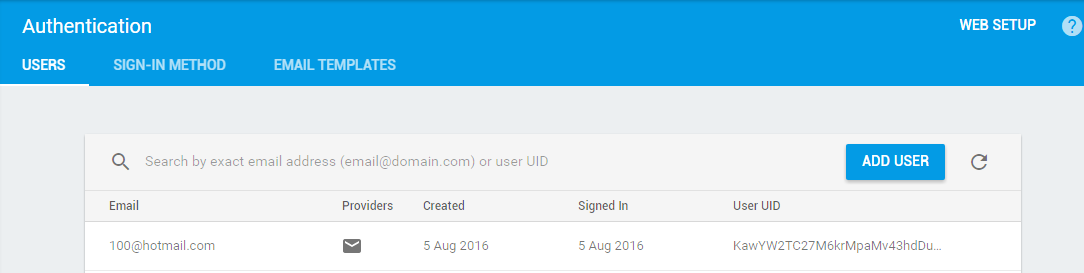
** **

**Events Planner Current Location Page**

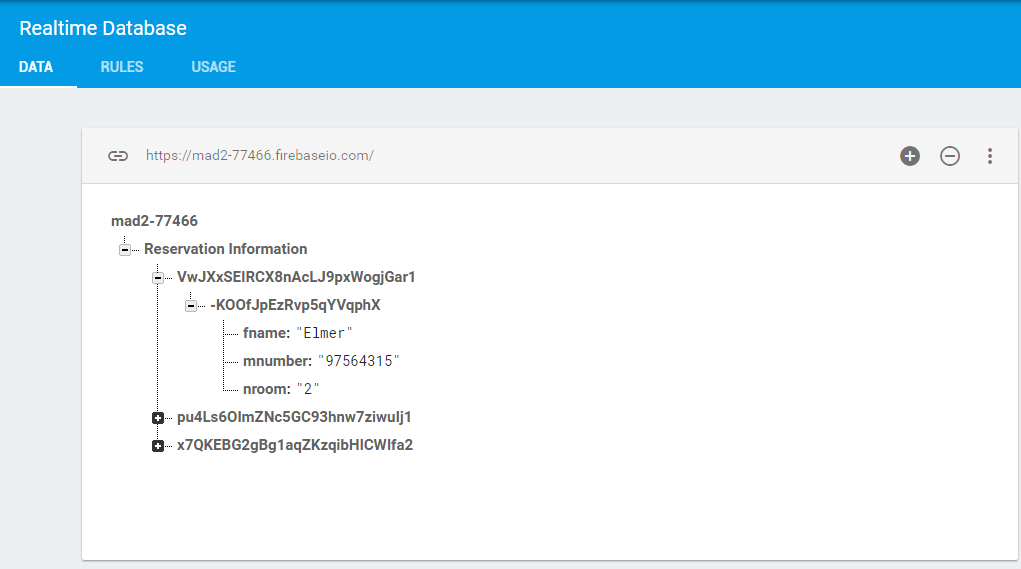
** **

**User Profile Page Profile Information**

**page**



**User create account to auth**



**Database store information with uid**

**<!DOCTYPE html>**

**<html>**

**<head>**

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

**<link href="css/jquery.mobile-1.4.5.css" rel="stylesheet" />**

**<script src="scripts/jquery.min.js"></script>**

**<script src="scripts/jquery.mobile-1.4.5.js"></script>**

**<script src="https://www.gstatic.com/firebasejs/3.2.1/firebase.js"></script>**

**<script src="http://maps.googleapis.com/maps/api/js?sensor=true">**

**</script>**

**<link href="css/jw-jqm-cal.css" rel="stylesheet" />**

**<script src="scripts/jw-jqm-cal.js"></script>**

**<style>**

**#map,#maps,#maps1 {**

**width: 300px;**

**height: 500px;**

**}**

**</style>**

**</head>**

**<body>**

**<script>**

**$(document).on("pageinit", "#view-calendar", function () {**

**$("#calendar").jqmCalendar({**

**events: [{ "summary": "Test event", "begin": new Date(2015, 09, 05, 10, 30), "end": new Date(2015, 09, 05, 12, 30) }, { "summary": "Test event", "begin": new Date(), "end": new Date() }, { "summary": "Test event", "begin": new Date(), "end": new Date() }],**

**months: ["January", "February", "March", "April", "May", "June", "July", "August", "September", "October", "November", "December"],**

**days: ["Su", "Mo", "Tu", "We", "Th", "Fr", "Sa"],**

**startOfWeek: 0**

**});**

**})**

**x = navigator.geolocation;**

**x.getCurrentPosition(success, failure);**

**function success(position) {**

**var mylat = position.coords.latitude;**

**var mylong = position.coords.longitude;**

**var coords = new google.maps.LatLng(mylat, mylong);**

**var mapOptions = {**

**zoom: 16,**

**center: coords,**

**mapTypeId: google.maps.MapTypeId.ROADMAP**

**}**

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

**var marker = new google.maps.Marker({ map: map, position: coords });**

**}**

**function failure(position) {**

**document.getElementById("#location").innerHTML("Failed to get coordinates")**

**}**

**//Store the username of the currently logged user.**

**var user = null;**

**// Initialize Firebase**

**var config = {**

**apiKey: "AIzaSyBaHMQpIafpzQXe-jTZuaI\_jCh-eThUcZY",**

**authDomain: "mad2-77466.firebaseapp.com",**

**databaseURL: "https://mad2-77466.firebaseio.com",**

**storageBucket: "mad2-77466.appspot.com",**

**};**

**firebase.initializeApp(config);**

**var user = firebase.auth().currentUser;**

**/\*\***

**Make sure that the document and all of it's components are successfuly loaded before making any reference.**

**\*/**

**$(document).ready(function () {**

**/\*\***

**Click event hander for the delete button of a split button. Deletes an item**

**from a list content that displays a location based on the city name and country code.**

**\*/**

**$(document).on("click", "a[name=delete]", function () {**

**removeFromCollection($(this).attr('id'));**

**$(this).parent().remove();**

**});**

**/\*\***

**Click event hander for a split button. Displays the weather information of a location**

**based on the city ID.**

**\*/**

**$(document).on("click", "a[name=display]", function () {**

**showWeatherById($(this).attr('id'));**

**});**

**/\*\***

**Click event handler for the button to login existing users.**

**\*/**

**$('#btnlogin').click(function () {**

**login($('#eusername').val(), $('#epassword').val());**

**})**

**/\*\***

**Click event handler for the button that registers a new user account.**

**\*/**

**$('#btnregisteruser').click(function () {**

**registerUser($('#newusername').val(), $('#newpassword').val());**

**});**

**$('#btnprofile').click(function () {**

**userProfileInformation($('#userName').val(), $('#contact').val());**

**});**

**$('#btnHotelInfo').click(function () {**

**hotelReservation($('#fname').val(), $('#mnumber').val(), $('#nroom').val());**

**});**

**/\*\***

**Click event handler for the logout button in the weather page.**

**\*/**

**$('#logoutbtn').click(function () {**

**logout();**

**});**

**});**

**/\*\***

**Displays an alert message on a page.**

**@param {string} alert - The message to be displayed.**

**\*/**

**function showMessage(alert) {**

**$("#alertmessage").html(alert);**

**$(".ui-dialog").dialog("close");**

**$.mobile.changePage("#alert", "pop");**

**}**

**/\*\***

**Clear the weather page.**

**\*/**

**function clearPage() {**

**$('#forecastlist').empty();**

**}**

**/\*\***

**Checks that all the information needed to register a new user is entered.**

**\*/**

**function registerUser(username, password) {**

**if (navigator.onLine) {**

**//Reference to the Firebase database.**

**if ($('#newusername').val() && $('#newpassword').val() && $('#confirmpassword').val()) {**

**if ($('#newpassword').val() == $('#confirmpassword').val()) {**

**createAccount(username, password);**

**}**

**else {**

**showMessage("Passwords does not match. Please try again.");**

**}**

**}**

**else {**

**showMessage("All fields are required. Please try again.");**

**}**

**}**

**else {**

**showMessage("Please check your internet connection.");**

**}**

**}**

**/\*\***

**Checks that all the information needed to authenticate a user is entered.**

**@param {string} username - The username to be validated.**

**@param {string} password - The password to be validated.**

**\*/**

**function login(username, password) {**

**if (username && password) {**

**validateUser(username, password);**

**}**

**else {**

**showMessage("All fields are required to login. Please try again.");**

**}**

**}**

**/\*\***

**Checks the firebase database if username already exists. An account will only be created if**

**the username is not already in the database.**

**@param {string} username - The username for the new account.**

**@param {string} password - The password for the new account.**

**\*/**

**function createAccount(username, password) {**

**//referred to the online example given by the Firebase via GitHub**

**firebase.auth().createUserWithEmailAndPassword(username, password).catch(function (error) {**

**var errorCode = error.code;**

**var errorMessage = error.message;**

**// [START\_EXCLUDE]**

**if (errorCode == 'auth/weak-password') {**

**showMessage('The password is too weak.');**

**} else {**

**showMessage(errorMessage);**

**}**

**// [END\_EXCLUDE]**

**});**

**}//end of createAccount()**

**/\*\*\* added this for Firebase 3 \*\*\*\*/**

**firebase.auth().onAuthStateChanged(function (inUser) {**

**if (inUser !== null) {**

**user = inUser; //this user object has email and uid property. You can use console.dir to check**

**console.log('logged in!');**

**initUser(user);**

**$(":mobile-pagecontainer").pagecontainer("change", "#Homepage");**

**//The following logic works for other scenarios. The event handler**

**//triggers x number of times of there are x location objects in the array.**

**//I just need to grab the whole array therefore, I dont need the code below.**

**/\***

**userLocationRef.on('child\_added', function(data) {**

**console.dir(data.val());**

**updateLocationList();**

**$("#locationlist").listview('refresh');**

**});**

**\*/**

**}**

**});**

**function userProfileInformation(currentUser) {**

**var userProfileRef = firebase.database().ref('/Profile/' + firebase.auth().currentUser.uid);**

**var userName = $("#userName").val();**

**var contact = $("#contact").val();**

**if ($("#userName").val()&& $("#contact").val() !== null) {**

**userProfileRef.push({**

**userName: userName,**

**contact: contact**

**});**

**$(":mobile-pagecontainer").pagecontainer("change", "#Homepage")**

**} else {**

**showMessage("Please enter ur informations")**

**}**

**}**

**function hotelReservation(currentUser) {**

**var hotelReservationRef = firebase.database().ref('/Reservation Information/' + firebase.auth().currentUser.uid);**

**var fname= $("#fname").val();**

**var mnumber = $("#mnumber").val();**

**var nroom= $("#nroom").val();**

**if ($("#fname").val() && $("#mnumber").val() && $("#nroom").val() !== null) {**

**hotelReservationRef.push({**

**fname: fname,**

**mnumber: mnumber,**

**nroom: nroom**

**});**

**$(":mobile-pagecontainer").pagecontainer("change", "#Homepage")**

**} else {**

**showMessage("Please enter ur informations")**

**}**

**}**

**/\***

**$(document).on("pageshow", "#showData", function (event) {**

**var userId = firebase.auth().currentUser.uid;**

**firebase.database().ref('info/' + userId).on('value', function (snapshot) {**

**var name = snapshot.val().FirstName;**

**var bname = snapshot.val().BandName;**

**var brole = snapshot.val().Role;**

**document.getElementById("showProfileName").innerHTML = (name);**

**document.getElementById("showProfileBandName").innerHTML = (bname);**

**document.getElementById("showProfileRole").innerHTML = (brole);**

**});**

**})**

**\*/**

**/\*\***

**Checks the firebase database if email already exists and whether the password matches the one**

**entered by the user.**

**@param {string} username - The username used by the user to log in.**

**@param {string} password - The password to validate against the user's password in the firebase database.**

**\*/**

**function validateUser(username, password) {**

**firebase.auth().signInWithEmailAndPassword(username, password).catch(function (error) {**

**// Handle Errors here.**

**$(":mobile-pagecontainer").pagecontainer("change", "#Homepage");**

**var errorCode = error.code;**

**var errorMessage = error.message;**

**// [START\_EXCLUDE]**

**if (errorCode === 'auth/wrong-password') {**

**showMessage('Wrong password.');**

**} else {**

**showMessage(errorMessage);**

**}**

**// [END\_EXCLUDE]**

**});**

**// [END authwithemail]**

**}//end of validate user**

**function initUser(username) {**

**//user = username;**

**clearPage();**

**$.mobile.changePage("#Homepage");**

**$("#countrycode").text(user.email + "!");**

**$("#login").toggle(false);**

**$("#logout").toggle(true);**

**}**

**/\*\***

**Clears the location array and the currently logged user.**

**\*/**

**function logout() {**

**firebase.auth().signOut().then(function () {**

**user = "";**

**$(":mobile-pagecontainer").pagecontainer("change", "#pageone");**

**console.log('Logged Out');**

**// Sign-out successful.**

**}, function (error) {**

**// An error happened.**

**});**

**}**

**var lat;**

**var lon;**

**navigator.geolocation.getCurrentPosition(function (position) {**

**lat = position.coords.latitude;**

**lon = position.coords.longitude;**

**}**

**);**

**var map,**

**currentPosition,**

**directionsDisplay,**

**directionsService;**

**$(document).on('pageinit', '#interest', function () {**

**var data = [];**

**var chosenIndex = 0;**

**var s = ""**

**$.getJSON("http://sp.api.40tasks.com:80/v1/explore/", { lat: lat, lng: lon },**

**function (result) {**

**// console.log('result');**

**$.each(result, function (i, element) {**

**s = s + "<li><a href='#'>" + element.name + "</a></li>";**

**var obj = {**

**name: element.name,**

**id: element.id,**

**lat: element.lat,**

**lng: element.lng**

**};**

**data.push(obj);**

**});**

**$('#mydata').html(s);**

**$('#mydata').listview('refresh');**

**});**

**$("#mydata").on("click", 'li', function (eventObject) {**

**chosenIndex = $(this).index();**

**$(":mobile-pagecontainer").pagecontainer("change", "#interest2", { role: "page" });**

**});**

**$(document).on('pageshow', '#interest2', function () {**

**//alert('chosen index is' + chosenIndex);**

**var lat = data[chosenIndex].lat;**

**var lng = data[chosenIndex].lng;**

**var id = data[chosenIndex].id;**

**showMap(lat, lng);**

**$.getJSON("http://sp.api.40tasks.com:80/v1/venue/" + id + "?lat=" + lat + "&lng=" + lng,**

**function (result) {**

**//alert('result' + lat);**

**$('#thetitle').html(result.name);**

**$('#address').html(result.location.address);**

**$('#phone2').html('<p>Phone: ' + result.contact.phone + '<p>Ratings: ' + result.ratings.value);**

**$('#facebook').html("<a href='http://www.facebook.com/" + result.contact.fb + "' target='blank'>Facebook Page</a>");**

**});**

**}); //end page show**

**}); //end paginit**

**function showMap(lat, lng) {**

**var latlong = new google.maps.LatLng(lat, lng);**

**var mapProp = { center: latlong, zoom: 18, mapTypeId: google.maps.MapTypeId.ROADMAP };**

**var map = new google.maps.Map(document.getElementById("maps1"), mapProp);**

**var markerOne = new google.maps.Marker({**

**position: latlong,**

**map: map**

**});**

**}**

**$(document).ready(function () {**

**$("#locatingInformation").click(function () {**

**$.getJSON("http://sp.api.40tasks.com:80/v1/directions/transit?from=103.7862237%2C1.2969484&to=103.70662878376649%2C1.3398552573028397",**

**function (result) {**

**console.dir(result['ways'][0]['instructions']);**

**//alert('result' + lat);**

**$('#totaltime').html(result.overview.total\_time);**

**$('#startinglocationname').html(result.overview.start.name);**

**$('#endlocationname').html(result.overview.end.name);**

**$('#instructionsno').html(result['ways'][0]['instructions'][0]['step']);**

**$('#instructionstitle').html(result['ways'][0]['instructions'][0]['title']);**

**$('#instructionsdescription').html(result['ways'][0]['instructions'][0]['description']);**

**$('#instructionsno1').html(result['ways'][0]['instructions'][1]['step']);**

**$('#instructionstitle1').html(result['ways'][0]['instructions'][1]['title']);**

**$('#instructionsdescription1').html(result['ways'][0]['instructions'][1]['description']);**

**$('#instructionsno2').html(result['ways'][0]['instructions'][2]['step']);**

**$('#instructionstitle2').html(result['ways'][0]['instructions'][2]['title']);**

**$('#instructionsdescription2').html(result['ways'][0]['instructions'][2]['description']);**

**$('#instructionsno3').html(result['ways'][0]['instructions'][3]['step']);**

**$('#instructionstitle3').html(result['ways'][0]['instructions'][3]['title']);**

**$('#instructionsdescription3').html(result['ways'][0]['instructions'][3]['description']);**

**});**

**});**

**});**

**</script> <!--firebaseApi-->**

**<div data-role="page" id="pageone"data-theme="a" style="background-color:DarkTurquoise;" >**

**<div data-role="main" class="ui-content">**

**<div data-role="header" data-position="fixed" style="background-color:azure;">**

**<h1>Traveler</h1>**

**</div>**

**</br>**

**<div data-role="main" class="firstpage-icon">**

**<center> <img src="images/tourist1600.png" height="150" width="150" /></center>**

**<br />**

**</div>**

**<br />**

**<br />**

**<br />**

**<br />**

**<br />**

**<br />**

**<div data-role="main" class="firstpage-button">**

**<a href="#login" class="ui-btn" data-transition="slidedown">Login</a>**

**<a href="#signUp" class="ui-btn" data-transition="slidedown">Create an account</a>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="login"data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="main" class="ui-content">**

**<div data-role="header" data-position="fixed"style="background-color:azure;">**

**<a href="#pageone" class="ui-btn ui-corner-all ui-icon-back ui-btn-icon-notext"></a>**

**<h1>Traveler</h1>**

**</div>**

**<br />**

**<div data-role="content">**

**<p>**

**Email**

**<input id="eusername" type="text" />**

**Password**

**<input id="epassword" type="password" />**

**<button id="btnlogin" type="submit">Login</button>**

**</p>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="alert"data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header" data-position="fixed"style="background-color:azure;">**

**<h3>**

**Alert**

**</h3>**

**</div>**

**<div data-role="content">**

**<div id="alertmessage"></div>**

**</div>**

**<div data-role="footer" data-position="fixed">**

**<a data-rel="back" data-icon="back" data-role="button">OK</a>**

**</div>**

**</div>**

**<div data-role="page" id="signUp" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="main" class="ui-content">**

**<div data-role="header" data-position="fixed"style="background-color:azure;">**

**<h1>Traveler</h1>**

**</div>**

**<br />**

**<div data-role="content">**

**Choose a email**

**<input id="newusername" type="text">**

**Enter your password**

**<input id="newpassword" type="password">**

**Confirm your password**

**<input id="confirmpassword" type="password"><br />**

**<button id="btnregisteruser" class="ui-btn">Submit</button>**

**<a id="btncancelregisteruser" href="#pageone" class="ui-btn">Cancel</a>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="Homepage" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header" data-position="fixed"style="background-color:azure;">**

**<h1>Homepage</h1>**

**</div>**

**<div data-role="main" class="ui-content">**

**<div>**

**<h1>**

**<span id="countrycode" style="font-size: 70%;"></span>**

**</h1>**

**</div>**

**<div class="ui-grid-a">**

**<div class="ui-block-a">**

**<div class="ui-bar ui-bar-a">**

**<div class="menu-elem"><a href="#hotel" class="ui-btn" data-transition="slide">**

**<div class="menu-img"><img src="images/hotel-building\_318-54595.jpg" height="50" width="50"></div>**

**<div class="menu-text">Hotel</div>**

**</a></div>**

**</div>**

**</div>**

**<div class="ui-block-b">**

**<div class="ui-bar ui-bar-a">**

**<div class="menu-elem"> <a href="#interest" class="ui-btn" data-transition="fade">**

**<div class="menu-img"><img src="images/ic\_search\_48px-128.png" height="50" width="50" /></div>**

**<div class="menu-text">Interests</div>**

**</a></div>**

**</div>**

**</div>**

**<div class="ui-block-a">**

**<div class="ui-bar ui-bar-a">**

**<div class="menu-elem"><a href="#map\_page" class="ui-btn" data-transition="flow">**

**<div class="menu-img"><img src="images/14382-200.png" height="50" width="50" /></div>**

**<div class="menu-text">Route Planner</div>**

**</a></div>**

**</div></div>**

**<div class="ui-block-b">**

**<div class="ui-bar ui-bar-a">**

**<div class="menu-elem"><a href="#view-calendar" class="ui-btn" data-transition="pop">**

**<div class="menu-img"><img src="images/404-200.png" height="50" width="50"/></div>**

**<div class-menu-text>Event Planner</div>**

**</a> </div>**

**</div>**

**</div>**

**</div>**

**</div>**

**<div data-role="footer" data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="hotel" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header"style="background-color:azure;">**

**<h1>Reserve Nearby Hotel</h1>**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-home ui-btn-icon-notext"></a>**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#hotel">Find Nearest Hotel</a></li>**

**<li><a href="#hotellist" id="hotellistbutton">List Of Hotels</a></li>**

**</ul>**

**</div>**

**</div>**

**<div data-role="main" class="ui-content">**

**<p>Check-in: <input type="text" id="datepicker"></p>**

**<p>Check-out: <input type="text" id="datepicker1"></p>**

**<form method="post" action="demoform.asp">**

**<label for="fname">Full name</label>**

**<input type="text" name="fname" id="fname" placeholder="Full name...">**

**<label for="mnumber">Mobile Number</label>**

**<input type="tel" name="mnumber" id="mnumber" placeholder="Mobile Number...">**

**<label for="nroom">Number of rooms:</label>**

**<input type="number" name="nroom" id="nroom" placeholder="Number of room...">**

**</form>**

**<button id="btnHotelInfo" class="ui-btn">Find and Reserve a Hotel Near You!</button>**

**</div>**

**<div data-role="footer" data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="hotelmaps" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header"style="background-color:azure;">**

**<h1>Hotel Maps</h1>**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-home ui-btn-icon-notext"></a>**

**</div>**

**<div data-role="main" class="ui-content">**

**<div id="map"></div>**

**<div id="location"></div>**

**</div>**

**<div data-role="footer" data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="hotellist" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header"style="background-color:azure;">**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-home ui-btn-icon-notext"></a>**

**<h1>List of Hotel</h1>**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#hotel">Find Nearest Hotel</a></li>**

**<li><a href="#hotellist">List Of Hotels</a></li>**

**</ul>**

**</div>**

**</div>**

**<div data-role="main" class="ui-content">**

**<ul data-role="listview" data-inset="true">**

**<li data-role="list-divider">Bukit Timah</li>**

**<li>**

**<a href="#">**

**<img src="images/download.jpg" />**

**<h1>Garden Hotel</h1>**

**<p>**

**Address:**

**14 Balmoral Road**

**Singapore 259800**

**</p>**

**</a>**

**</li>**

**<li data-role="list-divider">Chinatown</li>**

**<li>**

**<a href="#">**

**<img src="images/250px-Damenlou\_Hotel,\_Jan\_06.JPG" />**

**<h1>Damenlou Hotel</h1>**

**<p>**

**Address:**

**14 Balmoral Road**

**Singapore 259800**

**</p>**

**</a>**

**</li>**

**<li>**

**<a href="#">**

**<img src="images/220px-New\_Majestic\_Hotel.JPG" />**

**<h1>New Majestic Hotel</h1>**

**<p>**

**Address:**

**14 Balmoral Road**

**Singapore 259800**

**</p>**

**</a>**

**</li>**

**<li data-role="list-divider">Downtown</li>**

**<li>**

**<a href="#">**

**<img src="images/250px-Alexandria\_Hotel\_(Los\_Angeles).jpg" />**

**<h1>Alexandria Hotel</h1>**

**<p>**

**Address:**

**14 Balmoral Road**

**Singapore 259800**

**</p>**

**</a>**

**</li>**

**</ul>**

**</div>**

**<div data-role="footer" data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="interest" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header"style="background-color:azure;">**

**<h1>List of interests</h1>**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-home ui-btn-icon-notext"></a> </div>**

**<div data-role="main" class="ui-content">**

**<div id='mydiv'></div>**

**<ul id='mydata' data-role='listview'></ul>**

**</div>**

**<div data-role="footer" data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="interest2" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header"style="background-color:azure;">**

**<a href='#interest'>Back</a>**

**<h1 id="thetitle"></h1>**

**</div>**

**<div data-role="main" class="ui-content">**

**<div id="address"></div>**

**<p></p>**

**<div id="facebook"></div>**

**<p>**

**<div id="phone2"></div>**

**<div id="maps1"></div>**

**</div>**

**<div data-role="footer" data-position='fixed'>**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="map\_page" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header"style="background-color:azure;">**

**<h1>Route Planner</h1>**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-home ui-btn-icon-notext"></a>**

**</div>**

**<div data-role="content">**

**<label for="startingLocation">From </label>**

**<input type="text" name="startingLocation" id="startingLocation">**

**<label for="endingLocation">To </label>**

**<input type="text" name="endingLocation" id="ending Location">**

**<a href="#locationInformation" class="ui-btn" id="locatingInformation">Find a route</a>**

**</div>**

**<div data-role="footer" data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="locationInformation" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header"style="background-color:azure;">**

**<h1>Locating Information</h1>**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-home ui-btn-icon-notext"></a>**

**</div>**

**<div data-role="main" class="ui-content">**

**<div id="totaltime"></div>**

**<div id="startinglocationname"></div>**

**<div id="endlocationname"></div>**

**<div id="instructionsno"></div>**

**<div id="instructionstitle"></div>**

**<div id="instructionsdescription"></div>**

**<div id="endstop"></div>**

**<div id="instructionsno1"></div>**

**<div id="instructionstitle1"></div>**

**<div id="instructionsdescription1"></div>**

**<div id="instructionsno2"></div>**

**<div id="instructionstitle2"></div>**

**<div id="instructionsdescription2"></div>**

**<div id="instructionsno3"></div>**

**<div id="instructionstitle3"></div>**

**<div id="instructionsdescription3"></div>**

**</div>**

**<div data-role="footer" data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="view-calendar" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header"style="background-color:azure;">**

**<h1>Event Calendar</h1>**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-home ui-btn-icon-notext"></a>**

**</div>**

**<div data-role="main" class="ui-content">**

**<div id="calendar"></div>**

**</div>**

**<div data-role="footer"data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="profile" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="main" class="ui-content">**

**<div data-role="header"style="background-color:azure;">**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-back ui-btn-icon-notext "></a>**

**<center><p style="border:1px solid black;height:200px;width:200px;">Profile</p></center>**

**</div>**

**</div>**

**<button id="logoutbtn" type="submit">Log out</button>**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#information" class="ui-btn" data-transition="fade"><h1>information</h1></a></li>**

**</ul>**

**</div>**

**<div data-role="footer" data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**<div data-role="page" id="information"data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="header"style="background-color:azure;">**

**<h1>Details</h1>**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-home ui-btn-icon-notext"></a>**

**</div>**

**<br />**

**<form method="post" action="demoform.asp">**

**<label for="userName">User Name:</label>**

**<input type="text" name="ID" id="userName">**

**<label for="contact">Contact:</label>**

**<input type="tel" name="contact" id="contact"/>**

**</form>**

**<div data-role="navbar">**

**<button id="btnprofile" class="ui-btn">Submit</button>**

**<a id="btncancelprofile" href="#profile" class="ui-btn">Back</a>**

**</div>**

**</div>**

**<div data-role="page" id="currentLocation" data-theme="a"style="background-color:DarkTurquoise;">**

**<div data-role="main" class="ui-content">**

**<div data-role="header"style="background-color:azure;">**

**<a href="#Homepage" class="ui-btn ui-corner-all ui-icon-back ui-btn-icon-notext "></a>**

**<h1>Current Location</h1>**

**</div>**

**</div>**

**<div id="maps"></div>**

**<div id="location"></div>**

**<div data-role="footer" data-position="fixed">**

**<div data-role="navbar">**

**<ul>**

**<li><a href="#currentLocation" id="maponly" data-icon="location" data-transition="fade"></a></li>**

**<li><a href="#Homepage" data-icon="home" data-transition="fade"></a></li>**

**<li><a href="#profile" data-icon="user" data-transition="fade"></a></li>**

**</ul>**

**</div>**

**</div>**

**</div>**

**</body>**

**</html>**