

VNU International University
Semester 1
Academic Year 2016-2017
Web Application Development

Project Plan

Topic: Online Travel Planning
System

Group 2

Member List

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Overview

The Overview gives a general information and introduction of the project development team, as well as the motivation for the product, the target market and the product's potentials.

About us

“Group 2” is a founder of a similar name website. Our product is a web-based application providing high standards in appearance, functionality, precision and response time. Our target markets are teenagers, professionals, pensioner; but beyond that are users who consider traveling as their hobby.

Company Name:	Group 2
Team Name:	Group 2
Business:	Design and Develop Web Application
Office Address	
Email:	trunglepham1202@gmail.com (team leader)
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Motivation

Starting from a project in the university course called “Web Application Development”, the team’s brainstorms suggested many fascinating and extraordinary ideas: from “online topic-based forum”, “e-commerce website”, “top-class restaurant website”; But finally, the use of “Online Travel Planning” meet the acceptances of every member in the team since it’s challenges and remarkable potentials of development.

For our busy users (professionals, entrepreneur,...), we provide an efficient, fast response website with the most brilliant result. Every result is conducted from the best of the best consideration which is suited for the users.

In the future, the project is expected to deliver a social-network environment for users to share the journey and experienced towards their acquaintances.

Organization and Roles

Our team includes five members. Each of us have separate missions, responsibilities, and working roles which affect the progress of the project. The roles and every contact information for each members are shown in the following table:

Name	Role	Contact	Email Address
Pham Le Trung	Leader. Register + User Profile section + Documentation	(+84) 1285-799-350	trunglepham1202@gmail.com
Do Quoc Thinh	Developer. Journey relating sections + Documentation.	(+84) 9320-583-98	bay25796@gmail.com
Nguyen Luong Huy	Developer. Sign In + Location relating sections	(+84) 1258-653-568	forcer1996@gmail.com
Le Quang Minh Anh	Developer. Main section + Front-end design + Image Processing + Database Management + Bug Fix	(+84) 938-324-901	lequangminhanh96@gmail.com

If you have any question relating to the project and its elements, feel free to contact us.

Progress Approximation

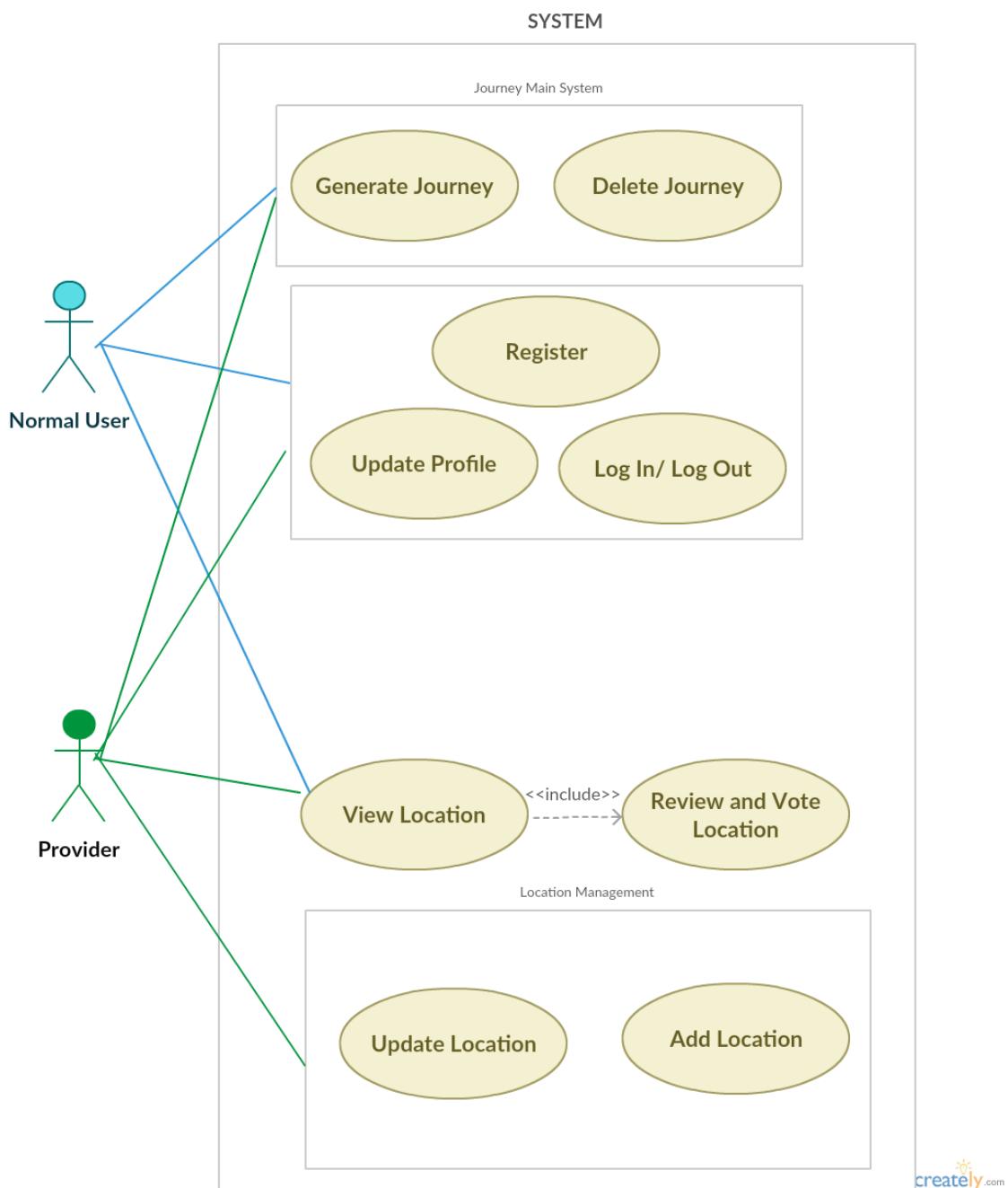
The Web Application for Travel Planning is a challenging task for our team; however the potentials outcome is undeniably remarkable. The project will deliver a environment for planning a complete trip from the beginning to the end, with add-on functions give out the best support to the customers.

Our early approximation would include :

1. Time Delivery:	The First Day of the Construction: 18th October 2016 . The Last Day of the Construction: 23th December 2016 . Duration: 2 months. Demonstration: 26th December 2016 .
2. Development Risk:	Due to early estimation, we come up with several obstacle during development project, which is : -Lack of experienced programmer. -Imbalanced level of ability among members. -Lose track of processes. -Lack of synchronization among members and workloads. -Idea Conflicts. -Not well-analyzed.

User Analysis

Use Case Diagrams



Use Case Description

1. Modified Location

Identifier: UC1

User Story #1: As a Provider, I want to update the registered location's information to meet the up-to-date requirement. As an Administrator, I want to change the location's information.

Inputs: one or more of the following fields

1. Name of location.
2. Type of location: historical site, themed park, hotel, restaurant, natural site, academic institution, ... (Note: implement as abstract class, for easier future addition).
3. Country – city.
4. Latitude of the location (input through Google Map ?).
5. Price.
6. Brief description about location.

Outputs:

1. Location, with the selected fields updated in the database.
2. Location Viewer page.

Actions:

User	System
1. User clicks the “Update Location” Button.	1.1 System redirects user to the Update page with the location's current information.
2. User looks for the information they want to update and input the new information.	
3. User clicks “Save”.	3.1 System finds the replacing fields and update it with the latest information. 3.2 System displays a message notifying user that the modification has been made. 3.3 System redirects user to the Location Viewer page.

Preconditions:

1. User is currently logged in as an authorized Provider (the provider that registered this location), or as an Administrator.
2. User is currently in the Location Viewer page.

Postconditions:

1. All the selected fields are updated in database according to the provider.

2. Add Location

Identifier: UC2

User Story #2: As a Provider, I want to add new location to the website. (only one location per Provider account).

Inputs:

1. Name of location.
2. Type of location: historical site, themed park, hotel, restaurant, natural site, academic institution, ...
3. Country – city.
4. Latitude of the location (input through Google Map ?).
5. Price.
6. Brief description about location.

Outputs:

1. New location, added to the database.
2. Location Viewer page.

Actions:

User	System
1. User clicks the “Add Location” button.	1.1 System redirects user to the New Location page.
2. User fills in the “New Location” form.	
3. User clicks “Create”.	3.1 System creates a new location based on the form and adds it to the database. 3.2 System updates user information accordingly 3.2.1 If user is Provider, system also changes its status to “assigned”. 3.2.2 If user is Administrator, nothing happens. 3.3 System notifies user that the location has been created and added successfully. 3.4 System redirects user to the Location Viewer page.

Preconditions:

1. User is logged in as an authorized Provider, or an Administrator.
2. Provider is in the Profile page of his/her account.
3. The location has not been added before.

Postconditions:

1. New location is added to the database, and assigned to the appropriate user.

3. Update Profile

Identifier: UC4

User Story #4: *As a User, I want to update my profile.*

Inputs: one or more of the following fields

1. Username
2. Password
3. Email

Outputs:

1. User's profile, with all the selected fields updated in the database.
2. Profile page.

Actions:

User	System
1. User clicks the “Update profile” button.	1.1 System redirects user to the Update Profile page.
2. User fills in the form.	2.1 System saves the modified information to the database. 2.2 System notifies user. 2.3 System redirects user back to his/her profile page.

Preconditions:

1. User is logged in.
2. User is in the Profile page of his/her account.

Postconditions:

1. User's information is updated accordingly in the database, and is displayed appropriately in the profile page.

4. View Location

Identifier: UC6

User Story #6: As a Guest / User, I want to see the location's information.

Inputs:

1. None

Outputs:

1. Name of Location
2. Picture of Location
3. Rating of Location
4. Brief Description of Location
5. Reviews of Location

Actions:

User	System
1. User clicks on the name of the desired location.	1.1 System redirects user to the corresponding Location page including: 1. Name of the Location 2. Picture of the Location 3. Rating of the Location 4. Brief Description of the Location 5. Reviews of the Location

Preconditions:

1. None.

Postconditions:

1. Location Information has already existed in the database.

5. Rate and Review Location

Identifier: UC7

User Story #7: As a User, I want to rate and write review for a location so that I can help other users.

Inputs:

1. Rate for the location, from 1 (worst) to 5 (best).
2. Review for the corresponding location.

Outputs:

1. Location, with its rates and reviews updated in the database.

Actions:

User	System
1. User writes review for the location in the review box (optional, can leave blank).	1.1 System displays the content of the review in the review box.
2. User decides and clicks on the appropriate number of stars (1 – worst , 5 – best, 3 – default).	2.1 System displays the filled yellow stars based on user's choice.
3. User clicks on "Post Review" button to submit his/her rate and review for the location.	3.1 System records the corresponding information in the database. 3.2 System calculates new value for average rating of the corresponding Location. 3.3 System redirect to the corresponding Location page with new review added.

Preconditions:

1. User has already logged in.
2. User is in the corresponding Location page.
3. Information of the corresponding Location has already existed in the database.

Postconditions:

1. The rate and review for the corresponding Location are updated and recorded accordingly.

6. Register

Identifier: UC8

User Story #8: As a visitor, I want to register an account to become a User.

Inputs:

1. Username, or Email.
2. Password, and Confirm Password.
3. Birthday:
 - a. Month (e.g January).
 - b. Day (e.g 01).
 - c. Year (e.g 1996).
4. Gender: *Male* or *Female* or *Other*.
5. Type: user or provider.

Outputs:

1. Account, with the information recorded as inputs.

Actions:

User	System
1. Visitor clicks the “Register” button.	1.1 System redirects visitor to the Registration page.
2. Visitor fills in the form, based on the type of user he/she wants to register for (normal user or provider).	
3. Visitor clicks the “Submit” button.	3.1 System collects the input information, and checks for validation 3.1.1 If succeed, system creates and stores the account in the database. A confirmation mail is send to visitor, and a pop-up message is displayed to notify visitor. Visitor is then redirected to the Main page, and is automatically logged in. 3.1.2 If fail, system warns and prompts user for another input data.

Preconditions:

1. None.

Postconditions:

1. A legitimate account is created according to the given inputs.
2. Visitor (now user) is redirected to main page, with he/she is automatically logged in.

7. Login / Logout

Identifier: UC9

User Story #9: As a User, I want to login / logout to my registered account.

Inputs:

1. Username.
2. Password.

Outputs:

1. None.

Actions:

User	System
1. User clicks the “Login” / “Logout” button.	1.1 If logout, system deletes the current user from session and redirects user to the login page. 1.2 If login, system redirects user to the Login page.
2. User fills in the login form. (for login only)	2.1 System collects input username and password, then check for validation. 2.1.1 If success, system stores user Object in session, and redirects user to the main page with the account logged in automatically. 2.1.2 If fail, system notifies user and prompts for other inputs.

Preconditions:

1. The corresponding account has already been registered before. (for login function)
2. User has not been logged in (for login function) / User has not been logged out (for logout function).

Postconditions:

1. User is successfully logged in (for login function) / User is successfully logged out (for logout function).

8. Generate journey

Identifier: UC10

User Story #10: *As a visitor, I want to generate a journey according to my own criteria.*

Inputs: one or more of the following fields (some data not submitted by user will be auto-generated by the system):

1. Name of country to visit.
2. Duration of the trip.
3. Number of cities user want to visit.
4. Type of trip user want to go:
 - a. Sightseeing Trip: focus on places with beautiful sites and wonders.
 - b. Metropolis Trip: focus on famous places on modern and populated metropolis.
 - c. Education Trip: focus on historical and academic places, which have high educational values.
5. Some additional preferences.
 - a. Beach preference (in coastal cities, only).
 - b. Park preference.

Outputs:

1. A journey that satisfies user's criteria (up to 80%).
2. Notification message indicating that the journey has been saved successfully (if user wants to save the generated journey).

Actions:

User	System
1. User clicks the “Generate” button.	1.1 System redirects user to the Generate Journey page to get information for the trip.
2. User fills in the form.	
3. User clicks the “Submit” button.	3.1 System records the information, and generates a journey based on the given criteria. 3.2 System redirects user to the Journey page, and displays the trip that it has planned with the specified information above (input fields):
4. User clicks “Save” button. <u>Note:</u> only registered user is able to save the generated journey (that is, guest is not allowed).	4.1 System saves the journey into the database.

Preconditions:

1. In order to save the generated journey, user must have logged in to his or her registered account.

Postconditions:

1. A journey is generated according to user's criteria (up to 80%).
2. The generated journey is saved to the database accordingly (if visitor is a legitimate user and click the 'Save your journey' button) and is displayed in the corresponding user profile.

9. Delete journey

Identifier: UC11

User Story #11: *As a User, I want to delete my own journey.*

Inputs:

1. ID of journey to be deleted.

Outputs:

1. Successful message.

Actions:

User	System
1. User clicks the "Delete" button of the journey he/she wants to remove.	1.1 System displays a message asking for confirmation from user.
2. User clicks "I Agree" to confirm.	2.1 System removes the selected journey from database. 2.2 System displays a message notifying user that the journey has been removed successfully.

Preconditions:

1. User must be in the corresponding Profile page (to be able to perform the deletion).

Postconditions:

1. The selected journey is successfully removed from the database.

Functional Requirements

***Enterprise Users:**

- FR1.** A guest shall be able to sign up.
- FR2.** A user shall be able to login/ logout.
- FR3.** A guest/user shall be able to generate a traveling plan according to his / her criteria.
- FR4.** A user shall be able to save the generated plan.
- FR5.** A user shall be able to delete his / her own plan.
- FR6.** A user shall be able to view location's information.
- FR7.** A user shall be able to rate and comment on visited locations.

***Authorized Users:**

- FR8.** A provider shall be able to add a new location. One provider is allowed to add only one location.
- FR9.** A provider shall be able to update the location's information.

***System:**

- FR10.** The system shall be able to authenticate when users login.
- FR11.** The system shall generate travelling plan based on user's' criteria.
- FR12.** The system shall allow user to save the generated plan, if he / she wants.
- FR13.** The system shall suggest high-rated locations in the generated plan.
- FR14.** The system shall encrypt user's password for security policy.

Non-functional Requirement

- NF1.** The system shall be available 90% of times.
- NF2.** The system shall be maintained monthly and the maintenance should be informed 2 days in advance.
- NF3.** The implementation of the system (the code) shall be documented appropriately in order to make it easy for diagnosing problems or errors, thus minimize or avoid the system downtime..
- NF4.** The system shall generate plan that satisfies user's criteria up to 80%.
- NF5.** The system shall generate plan with the correct collected location data from the database.
- NF6.** The system shall store all users' data in the database.
- NF7.** The system shall store all locations' data in the database.
- NF8.** The system shall store all journey' data in the database.
- NF9.** The system shall avoid data corruption when updating or retrieving data.
- NF10.** The system shall backup all data information if the server is down.
- NF11.** The system GUI shall be formatted nicely and easy to use.

Including Functions

- Register
- Login / Logout
- View User Profile
- Update User Profile
- View Location
- Add Comment / Review to Location
- Generate and Save Journey
- View saved Journey
- Delete saved Journey

Excluding Function (save for future work)

Some functions in the following list are believed to be “unsuitable” or “against” the main purposes of the project; Some are “low priority” or “unimportant” and may be developed later after the first release.

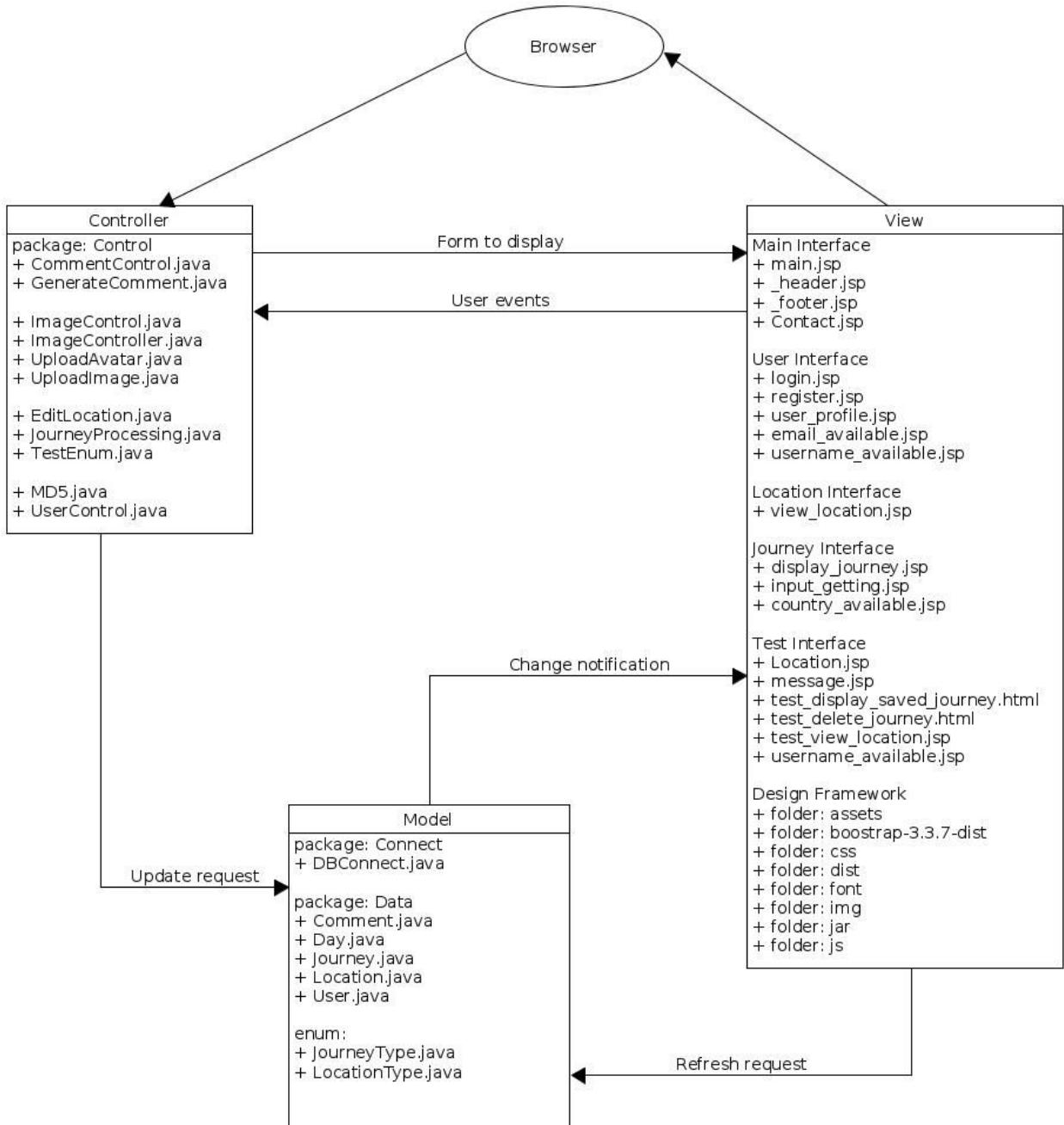
***Excluding list:**

- Admin’s Separate GUI.
- Communication between users in the website (message function).
- Setting Privacy Policy in User Profile.
- Tracking Journey.
- Comment on Journey.
- Featured Journey.
- Sharing Journey on Social and Relating Network.
- Friends Function.
- Upload Photos in Journey.
- Edit Journey.
- Use Social Network for Login.
- Confirmation For The Delete Journey.
- The system shall allow users to book and do transactions according to the generated plan (exclude).

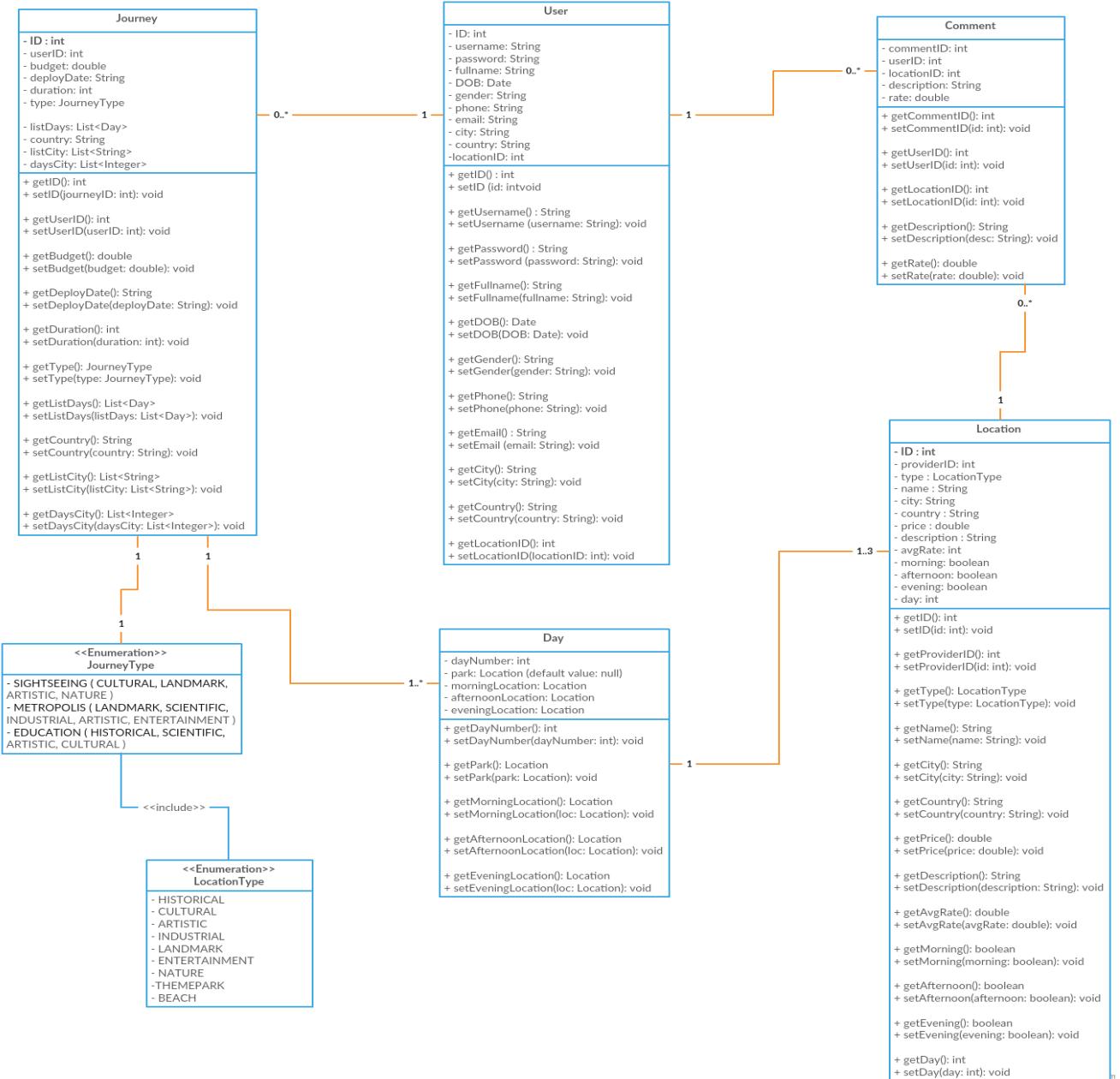
Design

System Architecture

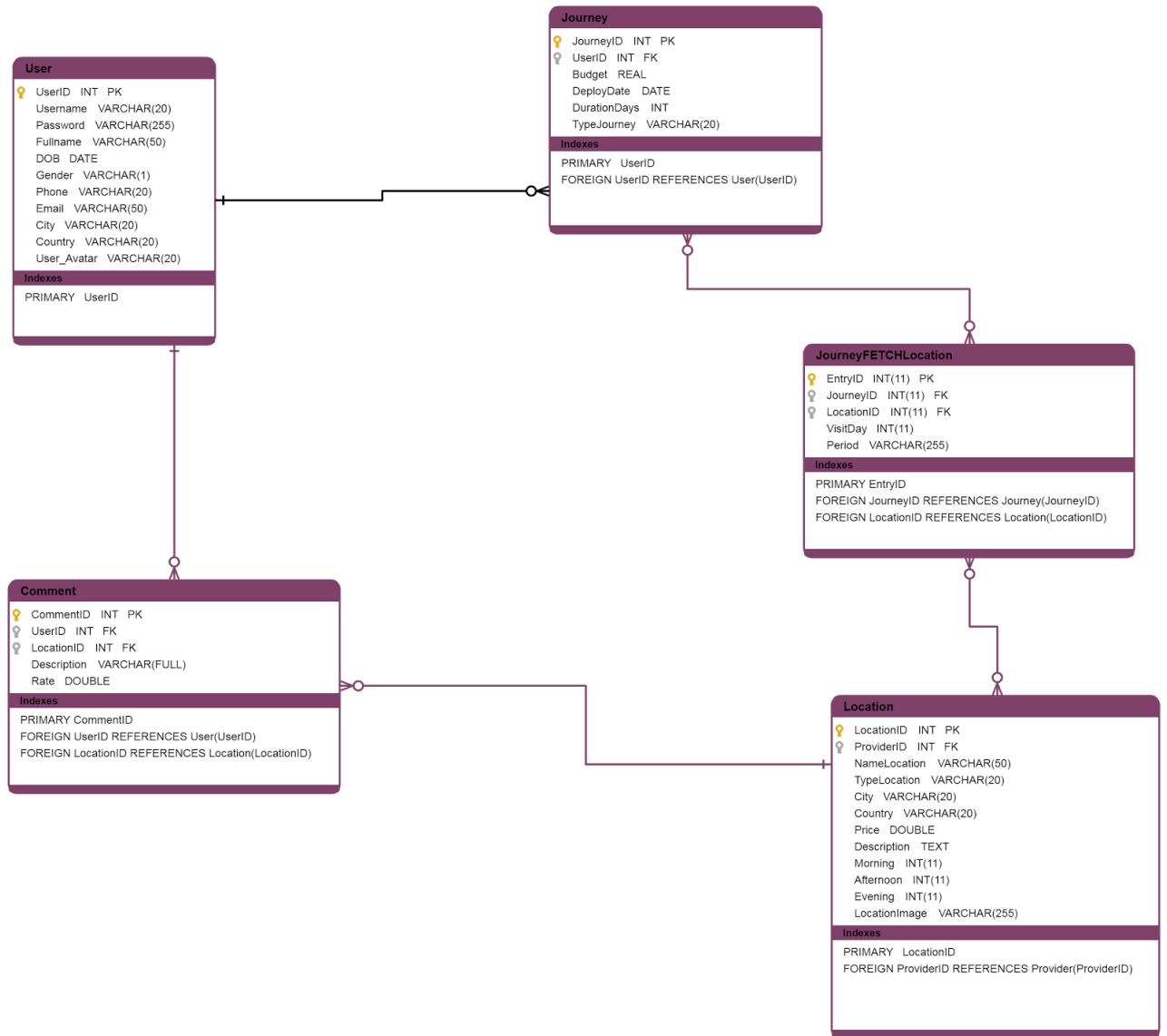
MVC (Model - View - Controller) pattern.



Class Diagram



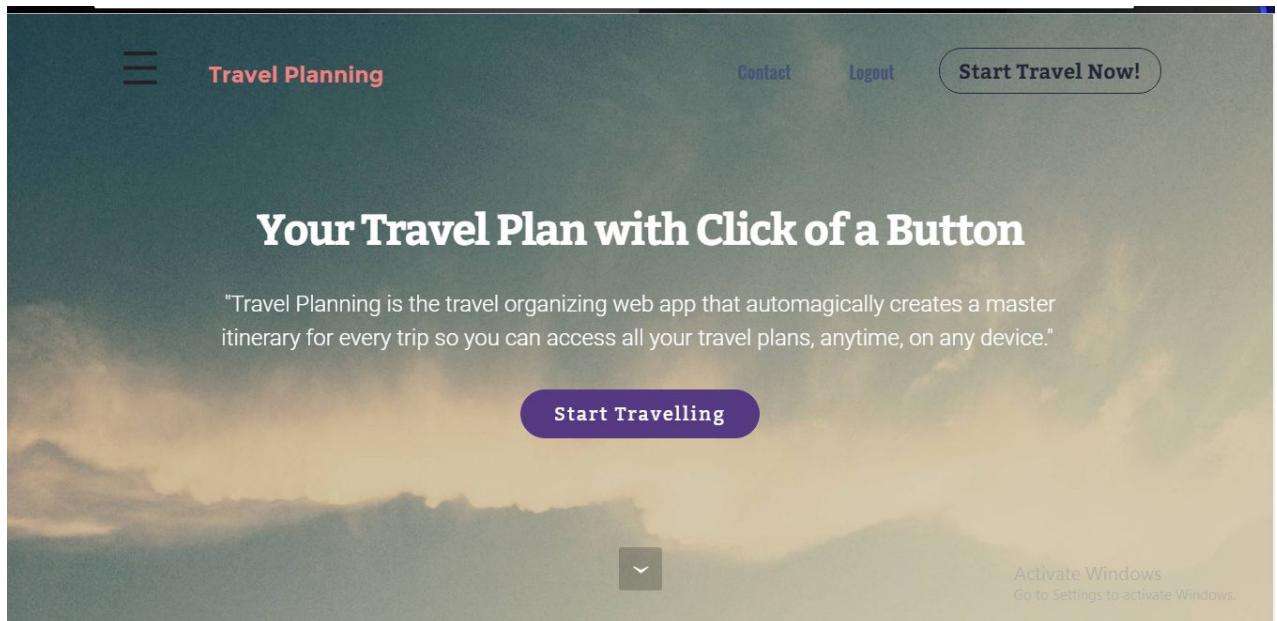
Database Design



User Manual

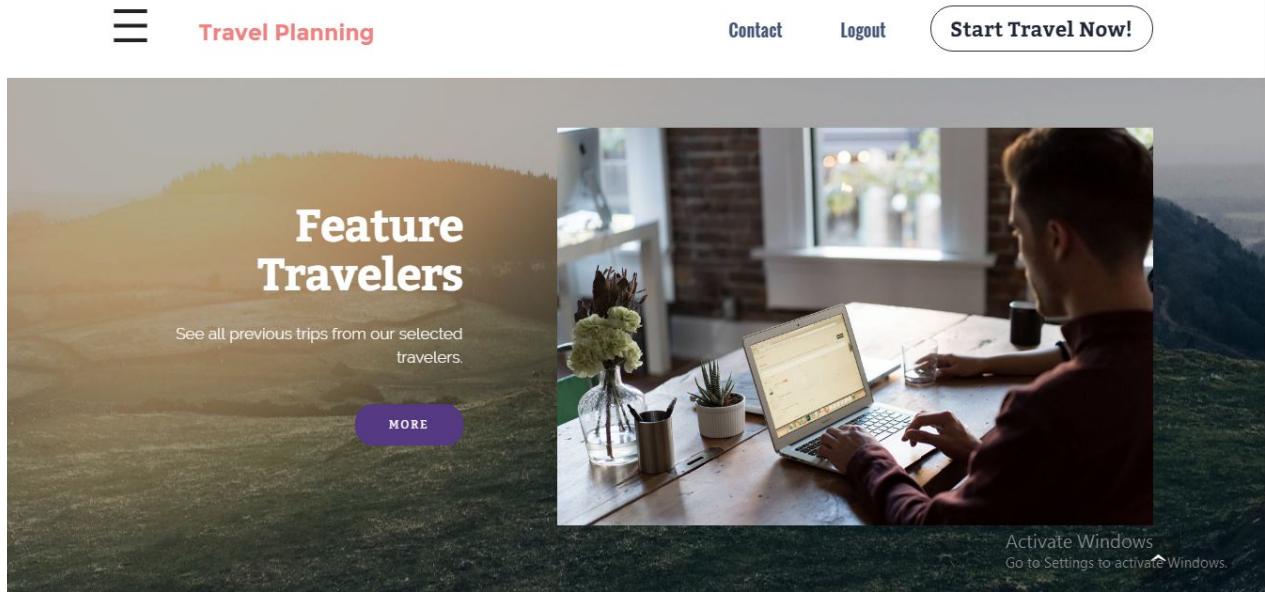
Main Page

The Main Page displays a brief description about our system, Travel Planning System. In the header, there are three links where user can click to access different functions of the website like login function, generate journey function, ...

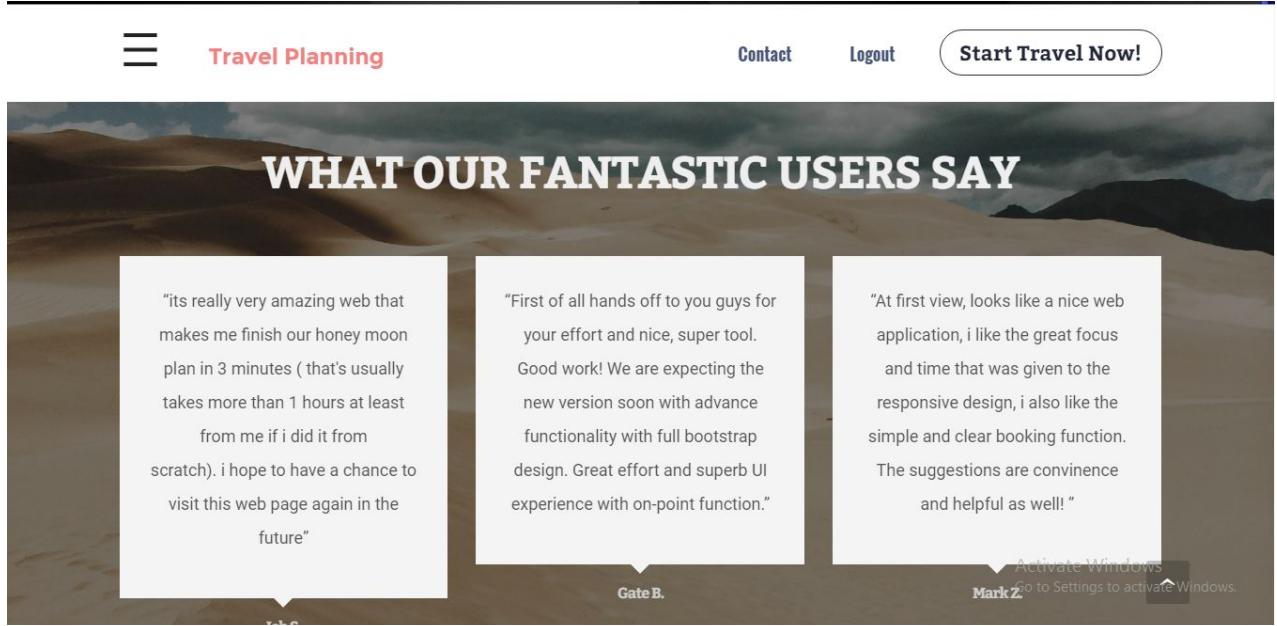


Some template journeys generated by our system.

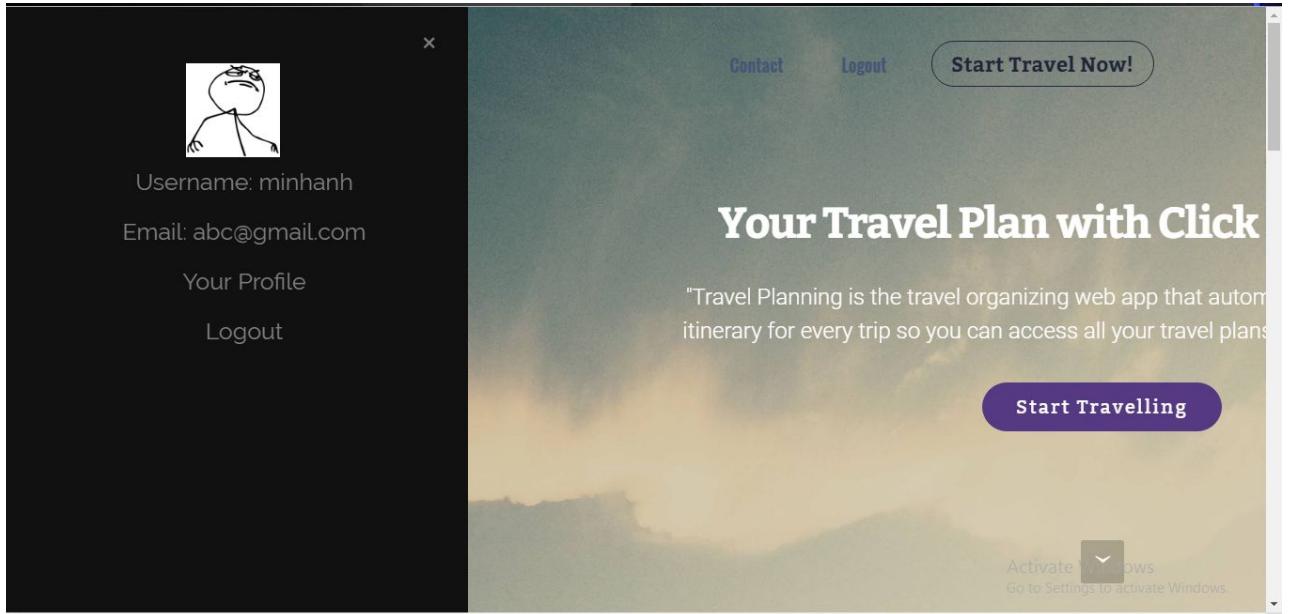
A screenshot of the travel planning website displaying three template journeys. The header is identical to the main page. The first template shows a landscape of green terraced fields with the label "VietNam" and "Viet Nam template plans". The second template shows a city skyline at sunset with the label "Thailand" and "Thailand template plans". The third template shows another city skyline at sunset with the label "France" and "France template plans". Each template has a "BOOK IT" button at the bottom. A watermark for "Activate Windows" is visible in the bottom right corner.



Reviews of users about our system.

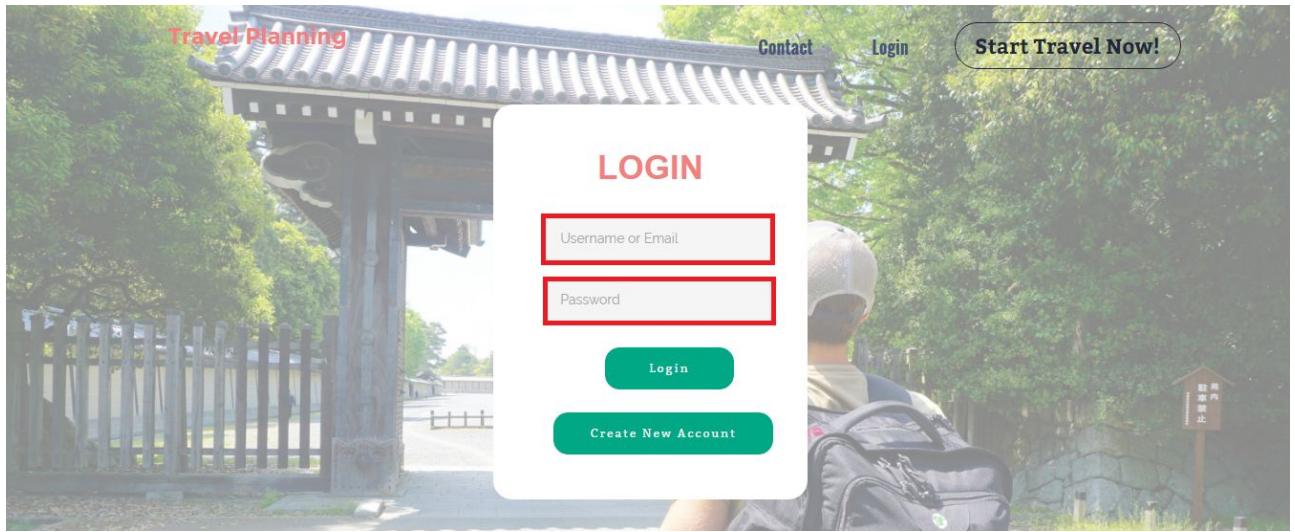


If user has logged in, some information will also be displayed on the left side of the page (can be toggled).

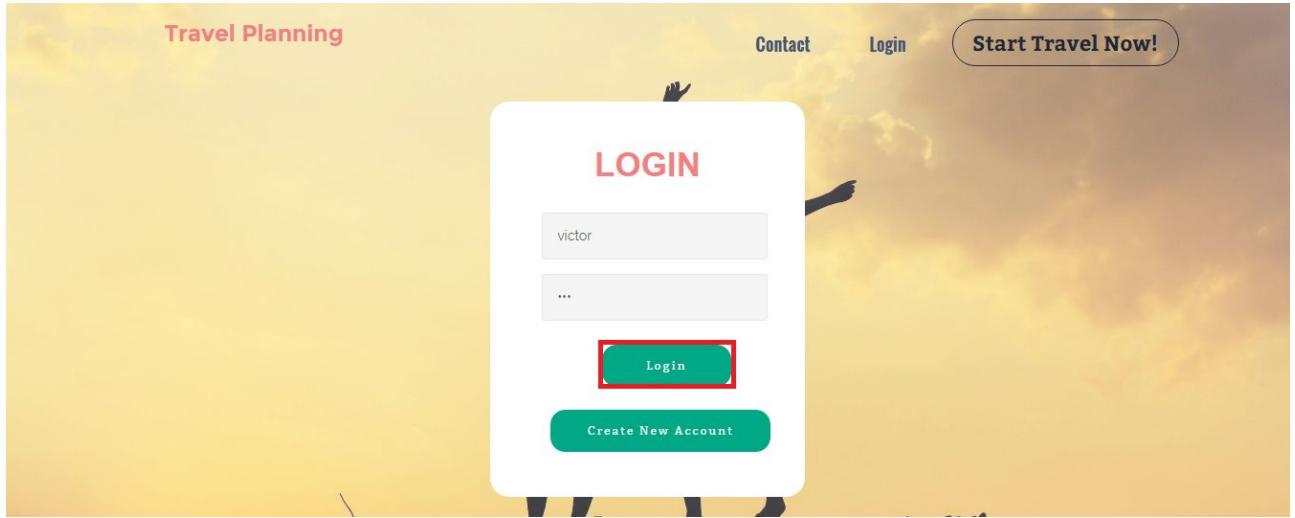


Login to the page

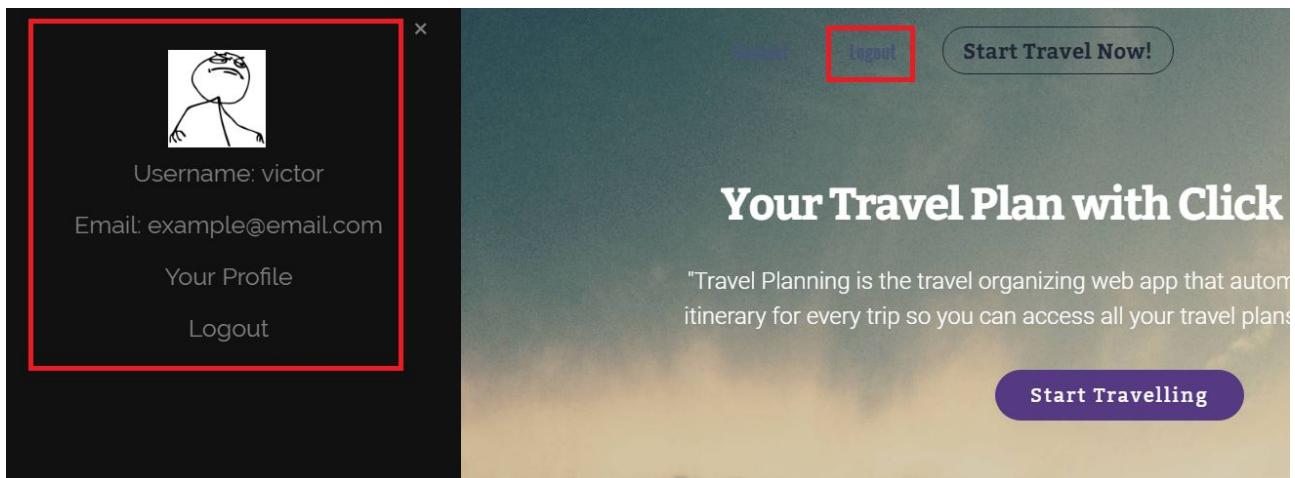
Step 1: User must access to the appropriate page (/login.jsp) to perform the Login function. In the Login page, filling in the 2 fields Username and Password with the existing account.



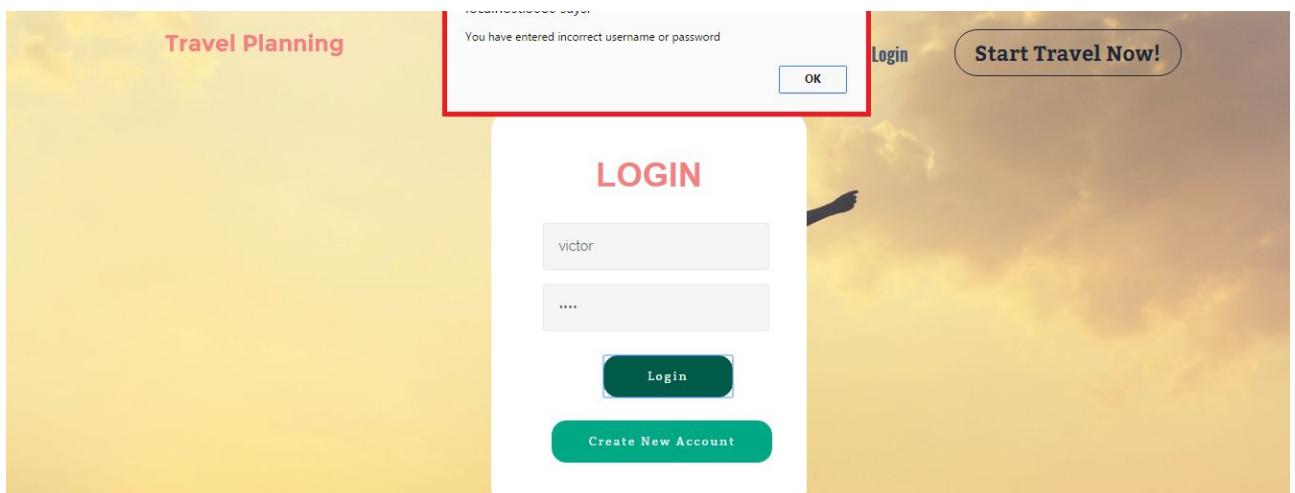
Step 2: After filled in the login form, click on the 'Login' button to get access to the Travel Planning website.

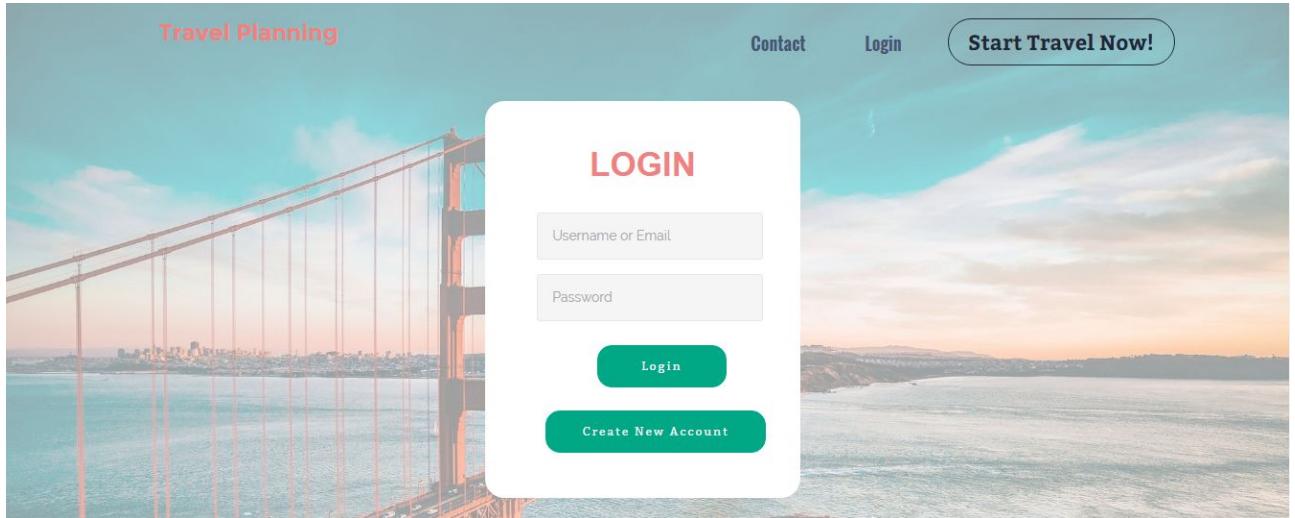


Step 3: If Login successfully, browser will automatically redirect user to the Main page with some basic information of the user and the logout tag.



If Login unsuccessfully, browser will alert that user has entered a wrong username or password and after click on OK button, it will refresh the Login page.





Register an account (for User and Provider)

*For Enterprise User.

Step 1: Get access to the Register.jsp pages (through Login.jsp or directly input the url [domain_name]/register.jsp). The result is shown in the Figure.

A screenshot of the "Create your Account" form from the Travel Planning website. The background shows a sunset over clouds with an airplane silhouette. The form itself has a light green header with the title "Create your Account" and a sub-instruction "Fill In The Boarding Ticket , We Are Ready". The main body of the form is titled "Account Info." and contains several input fields: "First" and "Last" names, "Confirm Password", "Name", "Birthday" (with dropdown menus for month, day, and year), "Gender" (with a radio button for "Male"), "Mobile Phone" (with a placeholder "+(00)-(0000)"), and "Email" (with a placeholder "abc@domain.com").

Step 2: Fill In The Form.

Account Info.

thisisanaccount123

Wron

Matched

Name

Ladent	B
--------	---

Birthday

January	01	1879
---------	----	------

Gender

Male

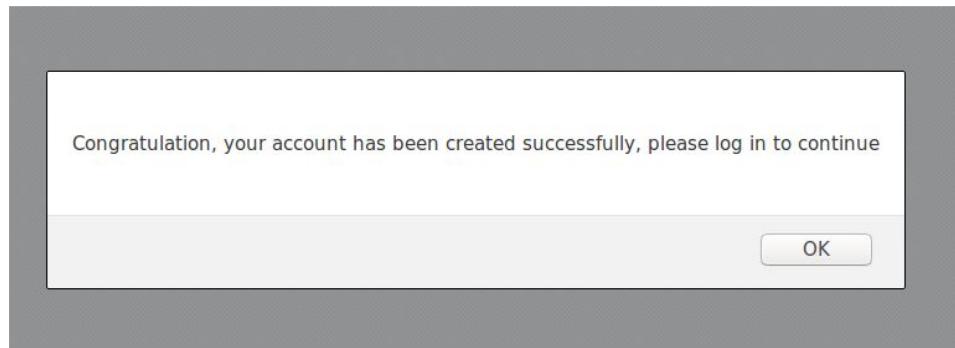
Don't worry if you mismatch or accidentally skip certain sections, the system can report most of the errors from the user.

Travel Planning Contact Login **Start Travel Now!**

+911911911	
Email	
.com	
*One Email for One Account Only	
Country	
Select Country	
City/State	
The following section(s) contain error(s). Please check again :	
-Email -Country	
<input type="checkbox"/> Register as a PROVIDER (You will be invited to fill in your location immediately)	
Sign Up	

Copyright © 2010 Travel Planning

Result: When you finished filling the form without any errors successfully, click “SIGN UP”. A pop-up shall appear to announce that you have successfully register. You are then automatically redirected to the “Sign In page” to Sign In.



***For Provider User.**

Initial: Do From Step 1 to Step 2 like Enterprise User.

Next step: Check the “Register as Provider” and fill in the “Location Information” . Click Sign Up after finish.

Register as a PROVIDER
(You will be asked to fill in your location information)

Location Information

ALL Informations in this Section must be Filled and Guaranteed

Name:

Abrre Hotel

Description:

In World War II, this place was served as recovery point for Soviet army for its peaceful location and advantageous height. Now we build an hotel on this location to inherit its peacefulness and want to help people know about the glory history during the time

Type: HISTORICAL

Country: Russia

City/State: Ivanovskaya

Price:

132.99



Opening Period: Morning Afternoon Evening

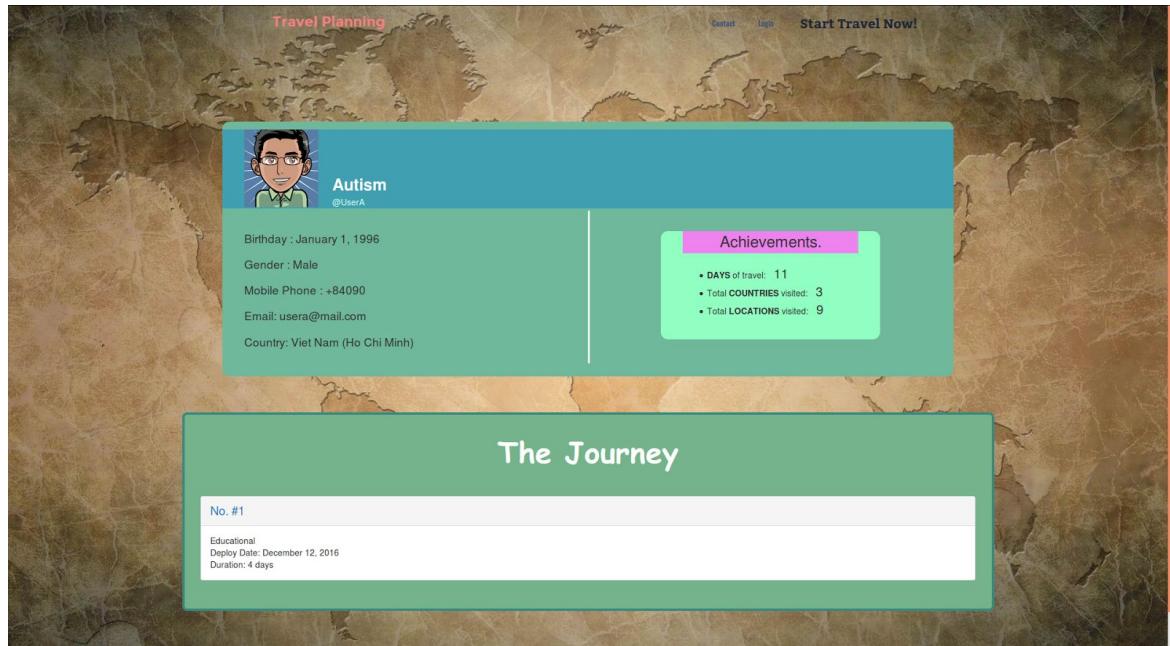
Sign Up

Result: Similar to Step 3 of Enterprise Use

View user profile

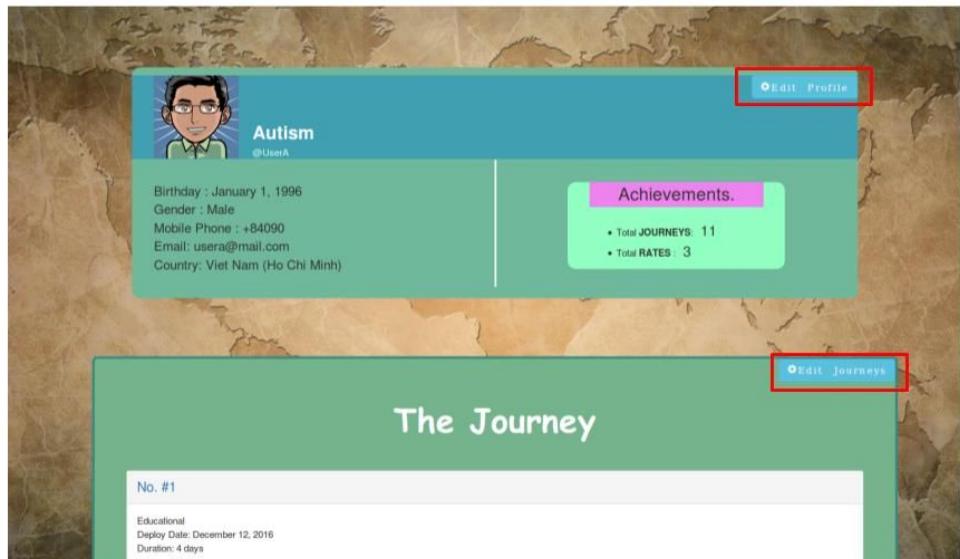
Step 1: The User shall view a user profile when access to user_profile page. (Including Brief Information of her Saved Journeys).

Note: If the Profile is one own profile, then that user has the ability to edit both the personal information and his/her Saved Journey (this version supports delete Journey **only**).



Edit user profile

Step 1 : Access to the user_profile page with the sign in Account. The button “Edit Profile” shall appear to allow user edit their personal information.



Step 2: After clicking the “Edit Profile” button, the user may see the update profile page.

The screenshot shows an 'Update Ticket Section' profile edit page. The background features a scenic view of the Golden Gate Bridge. The main form is titled 'Account Info.' and includes fields for Name (Nanny and Steve), Birthday (September 17, 1996), Gender (Male), and Mobile Phone (+3213918). Above the form, a banner reads 'Up-to-date Ticket, More Accessible.' and 'Start Travel Now!' with 'Contact' and 'Login' links. A red box highlights the 'Edit Profile' button at the top of the page.

Step 3: Input the required information in the form.

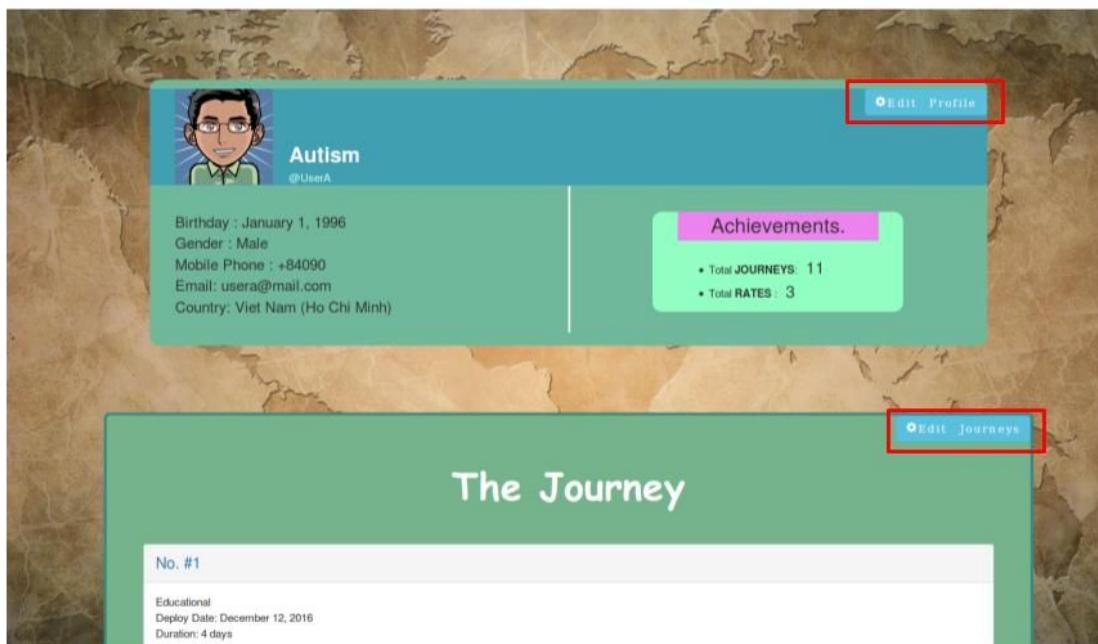
The screenshot shows a user profile edit form titled "Account Info.". The form includes fields for Name (Nanny and Steve), Birthday (September 17, 1996), Gender (Male), and Mobile Phone (+3213918). A red border highlights the entire form area.

Step 4: Click “Save” button to save your new personal information. The system now redirect user back to the user_profile section.

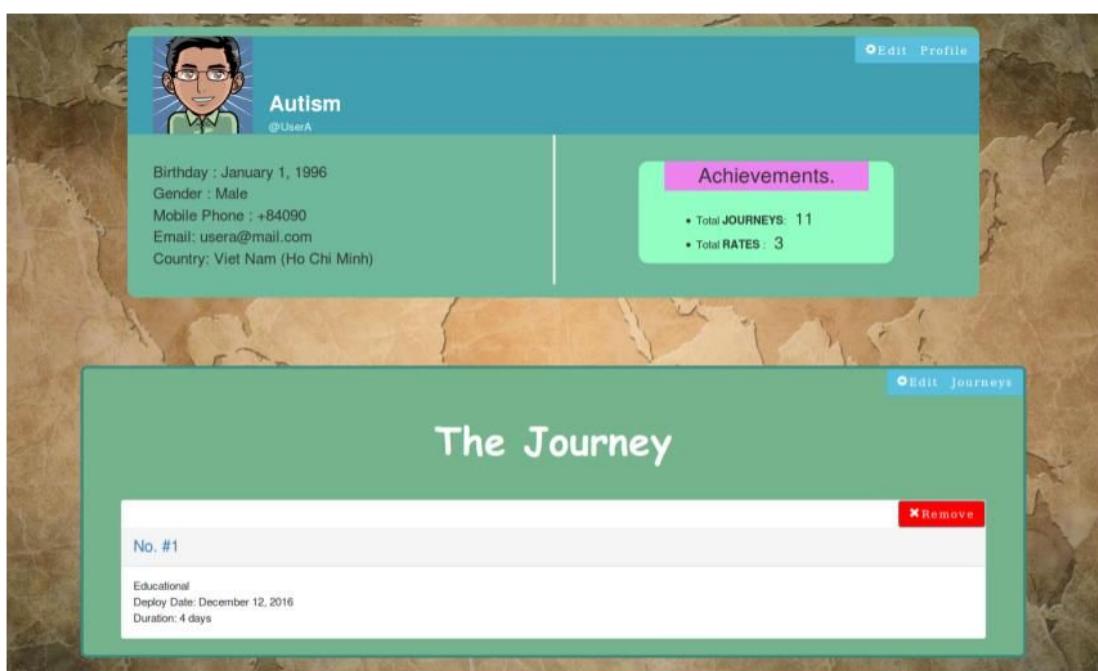
The screenshot shows a travel planning interface with a sidebar containing a user profile edit form. The form includes fields for Birthday (January 01, 1957), Gender (Male), Mobile Phone (+12341413), Country (Select Country dropdown), and City/State (dropdown). A red box highlights the "Save" button at the bottom of the form. The background features a scenic view of a bridge over water.

Delete Journey (in User Profile)

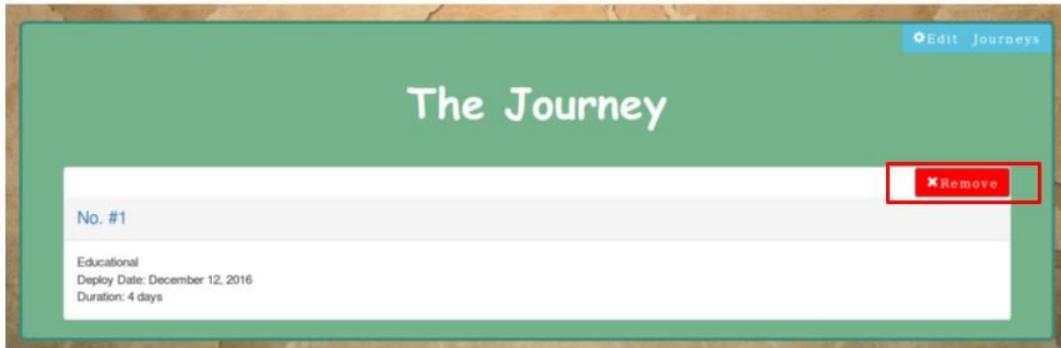
Step 1: If the Profile is one own profile, then that user has the right to edit both the personal information and his/her Saved Journey (this version support delete Journey **only**).



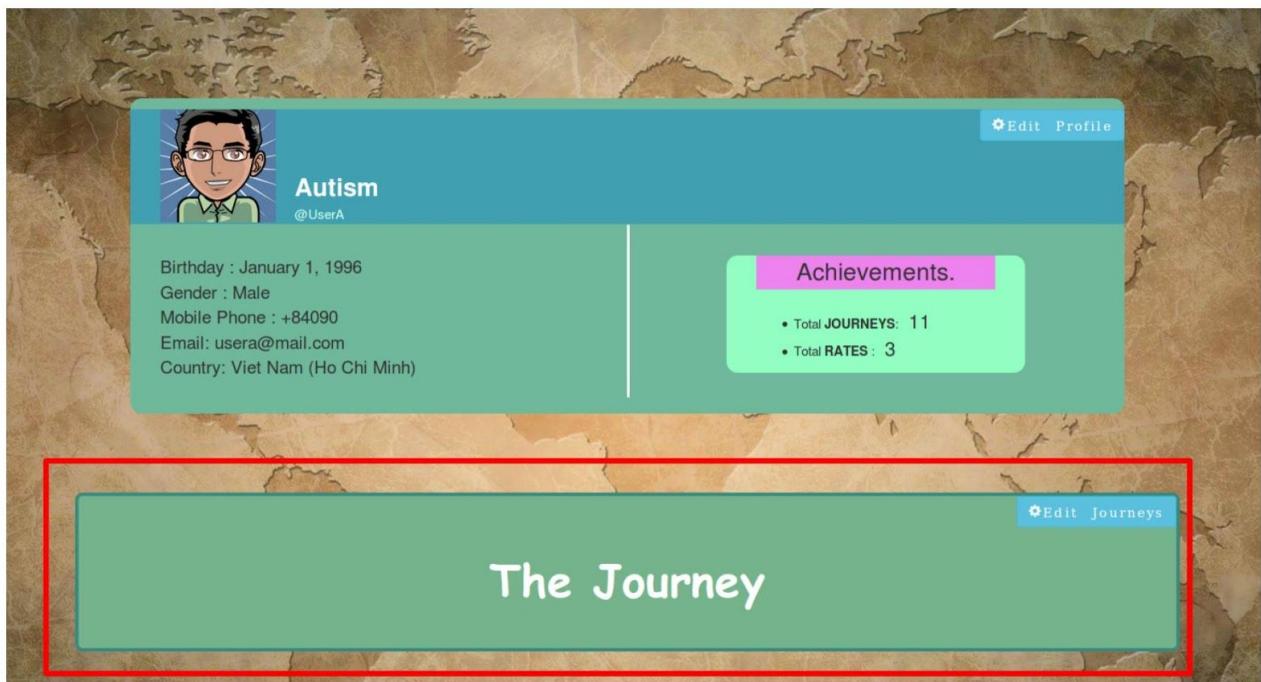
Step 2: Click on "Edit Journey". The "Remove" button will appear.



Step 3: Choose the Journey you want to remove. Click “Remove” button.



Result: The Removed Journey disappears in the User Profile.



View location

Step 1: User must access to the appropriate page (/display_journey.jsp) to perform the View Location function. In the Display Journey page, click on the picture or name of one of the locations, or click on the link *More* in the description.

Afternoon ☀️

250×250

Lone Pine Koala Sanctuary

Lone Pine Koala Sanctuary Is An 18-Hectare (44-Acre) Koala Sanctuary In The Brisbane Suburb Of Fig Tree Pocket In Queensland, Australia. Founded In 1927, It Is The World's First And Largest Koala Sanctuary With Over 130 Koalas. Hold A Koala Anytime. ... [More](#)

Day 6

Step 2: After user has clicked on a desired location, browser will open a new webpage where every information of that location is displayed.

[Travel Planning](#)

[Contact](#)

[Login](#)

[Start Travel Now](#)

Lone Pine Koala Sanctuary



• **Country:** Australia

• **City:** Brisbane

• **Price:** 32.0\$

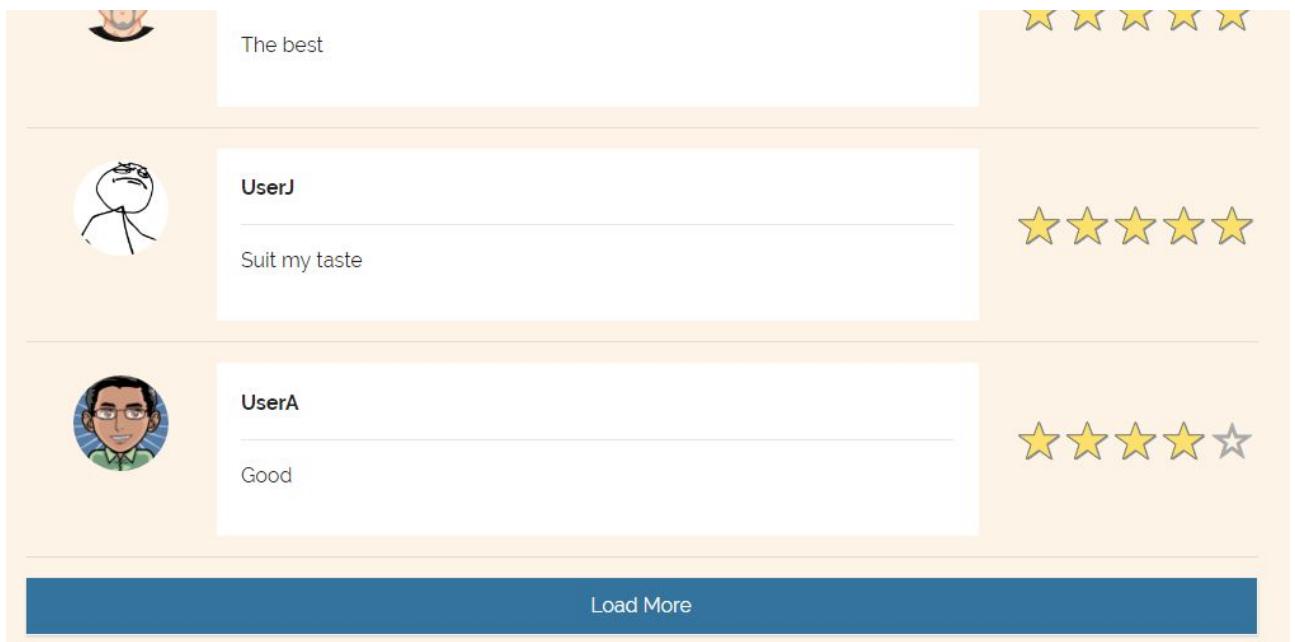
• **Type:** Landmark



Brief Description

Lone Pine Koala Sanctuary is an 18-hectare (44-acre) Koala Sanctuary in the Brisbane suburb of Fig Tree Pocket in Queensland, Australia. Founded in 1927, it is the world's first and largest koala sanctuary with over 130 koalas. Hold a koala anytime, hand feed kangaroos and meet a large variety of Australian wildlife in beautiful, natural settings.

Comments / Reviews



Add Comment / Review

Step 1: User must have already logged in to the website and have access to the appropriate page (/view_location.jsp) to perform the Add Comment function. In the View Location page, click on the empty text box and type in the comment / review for the location.



Step 2: After finishing the content of the comment, user click on the number of stars on the right for evaluating the location.

Your Review



Best place I have ever been



Post Review

Step 3: After finishing rating the location, user click on the 'Post Review' button to submit the review for the location. Finally browser will redirect back to the current location page with the new added review displaying.

Your Review



Best place I have ever been



Post Review



UserR

The best



UserJ

Suit my taste



victor

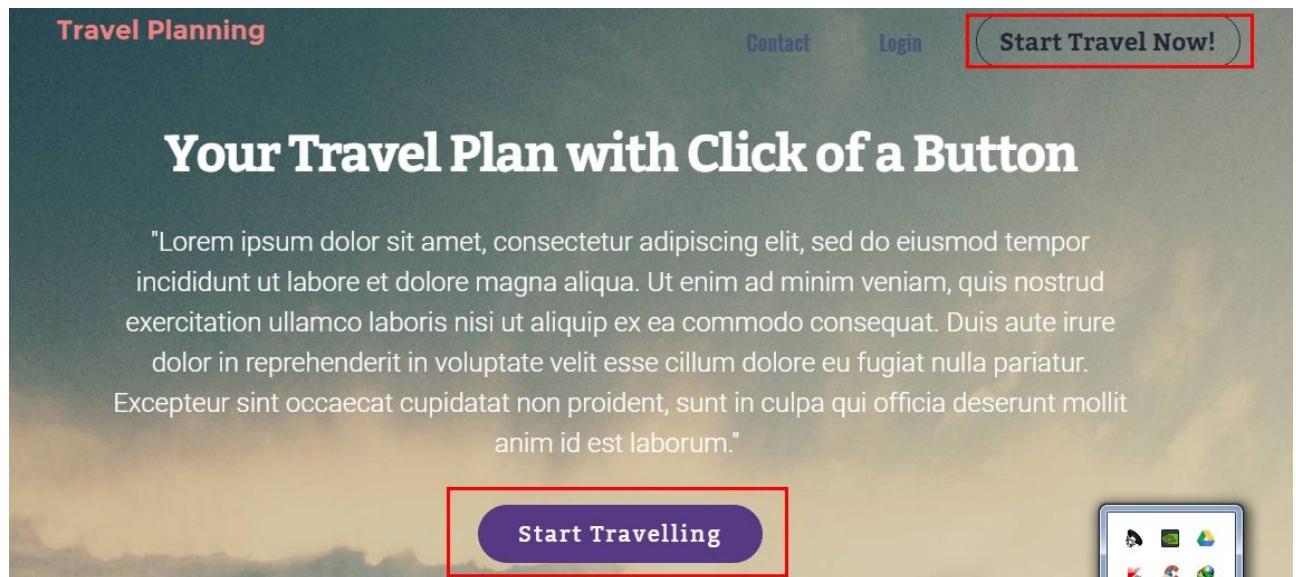
Best place I have ever been



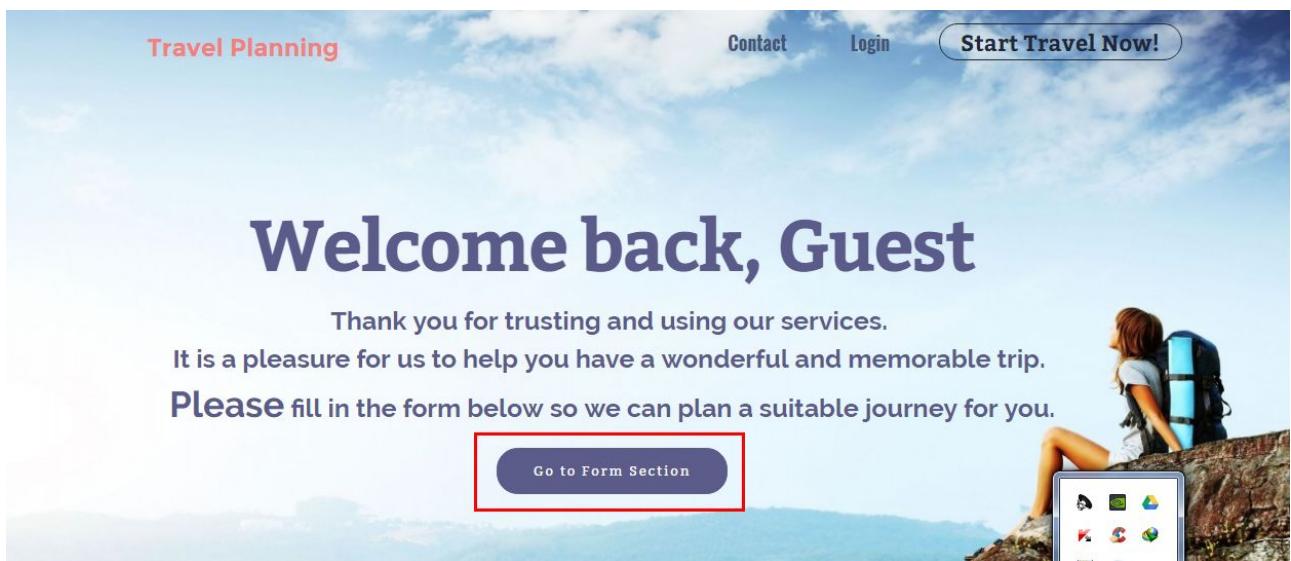
Load More

Generate and save journey

Step 1: User must access to the appropriate page (input_getting.jsp) to perform the Generating Journey function. In the Main page, click the '**Start Travelling**' or '**Start Travel Now!**' buttons to do that.



Step 2: Once in the Generating Journey page, click the '**Go to Form Section**' button or scroll down to the form section.



Form section.

Form section

Where do you want to go ? *

Your Country

- I want to choose my preferred country
- I don't know where to go. I want the system to help me choose instead.

How long is your journey ? *

1

day(s)

Min: 1 day Max: 7 days

How many cities do you want to visit ? *

- One
- Two
- Please decide for me

Which types of journey do you prefer ? *

SIGHTSEEING TRIP

This information will help us arrange locations that likely suit your taste.

Do you like visiting theme-park ?

- Yes
- No

Do you like visiting beach ?

- Yes
- No

Only for coastal country

Information with * is required

----- That's all. Click Submit and wait for your journey -----

Submit

Cancel

Step 3: Here, user is required to fill in some of the information for the system to generate the desired journey. Once done, click the ‘Submit’ button at the end. The estimated time for the system to perform this function is approximately 15s. After the system has generated a journey successfully, user will be redirected into the Display Journey page (display_journey.jsp), where the trip is represented.

Travel Planning Contact Login Start Travel Now!



7 DAYS | Australia

4 days in Sydney ✈ 3 days in Brisbane

The overview tab. The basic information of the journey is displayed for user to check like visited country, visited cities, duration, estimated budget, type of journey, and deploy date (in case of viewing saved journeys).

Overview	Sydney	Brisbane
<ul style="list-style-type: none">Country: AustraliaCities: Sydney and BrisbaneDuration: 7 day(s)Estimated budget: \$540.0Type: SightseeingDeploy date: Unknown		
Save your journey		

Different tab for different city. The locations suggested to user are grouped according to the day to visit and the period (morning / afternoon / evening / all day) to visit each location.

Overview **Sydney** **Brisbane**

Day 1

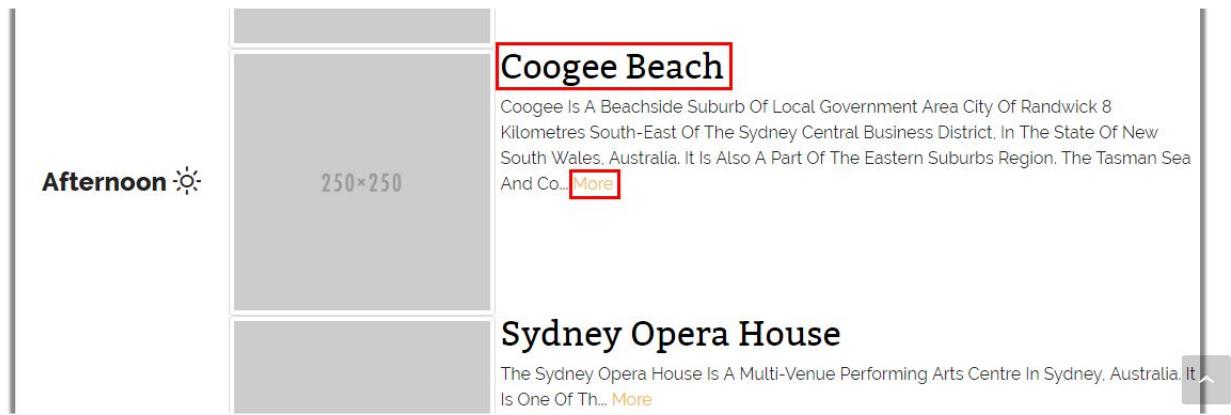
Morning ☀️	250×250	Archibald Fountain The Archibald Fountain, Properly Called The J. F. Archibald Memorial Fountain Is Located In Hyde Park, In Central Sydney, New South Wales. It Is Named After J. F. Archibald, Owner And Editor Of The Bulletin Magazine, Who Bequeathed Funds To Have It B... More
Afternoon ☀️	250×250	Chinese Garden Of Friendship The Chinese Garden Of Friendship Is A Chinese Garden In Chinatown, Sydney, Australia. Modeled On The Typical Private Gardens Of The Ming Dynasty. The Garden Offers An Insight Into Chinese Heritage And Culture. The Chinese Garden Of Friendship Was Des... More

Overview **Sydney** **Brisbane**

Day 5

Morning ☀️	250×250	City Botanic Gardens The City Botanic Gardens (Formerly The Brisbane Botanic Gardens) Is A Heritage-Listed Botanic Garden On Alice Street, Brisbane City, City Of Brisbane, Queensland, Australia. It Was Also Known As Queens Park. It Is Located On Gardens Point In The Bris... More
Afternoon ☀️	250×250	Brisbane City Hall Brisbane City Hall, In Brisbane, Queensland, Australia, Is The Seat Of The Brisbane City Council. It Is Located Adjacent To King George Square, Where The Rectangular City Hall Has Its Main Entrance. The City Hall Also Has Frontages And Entrances In B... More

Step 4: User can click on the *name of location* to view the location's information, or click on the link *More* in the description.

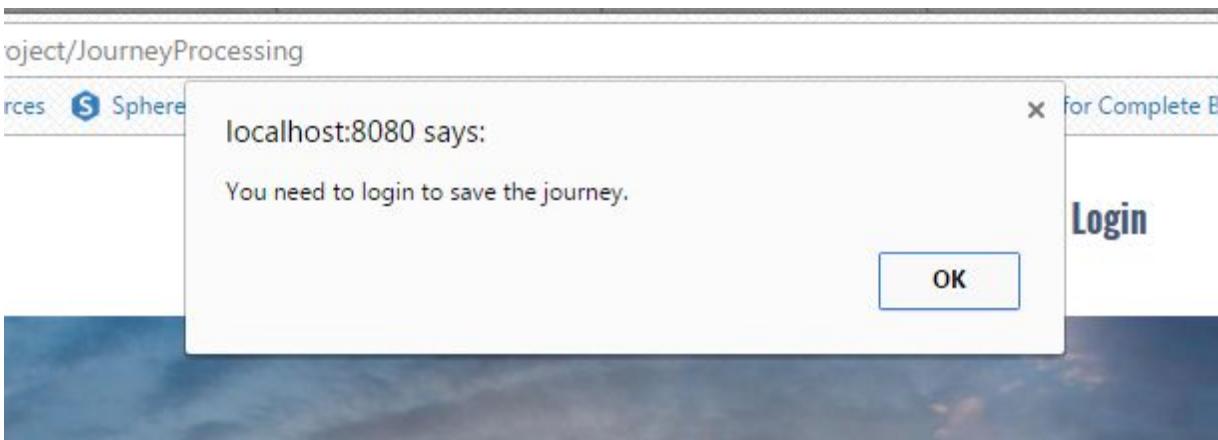


Step 5: If user satisfies with the generated journey, click on the ‘Save’ button to save the journey into user profile. Note: user must have logged in to the system to perform this function.

Save your journey

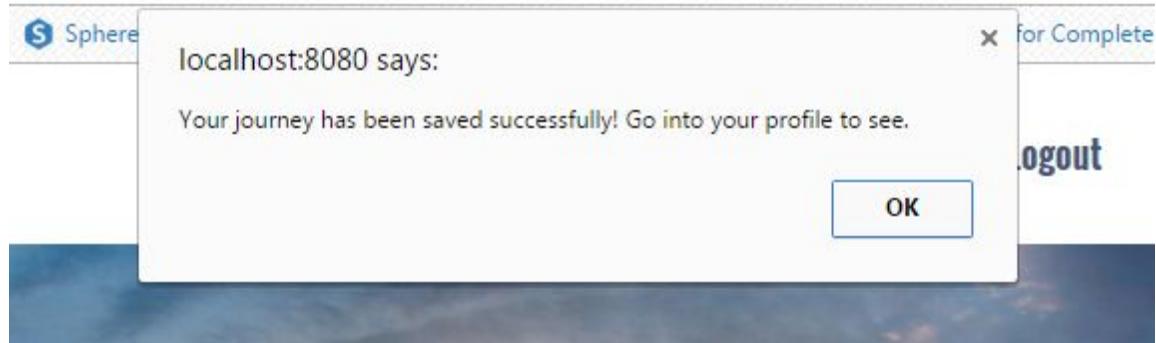
Copyright (c) 2016 Travel Planning.

User attempts to save the journey without logging in. The system will alert user, and then redirect user to the Login Page.



After user has logged in, he or she can save the generated journey. The system will then notify user that the journey is saved successfully. User will also be redirected to the Profile Page, where the list of saved journey is represented.

t/JourneyProcessing



View saved journey

Step 1: User is allowed to view all his or her saved journeys. First, access to the User Profile Page. List of saved journeys will be displayed at the end.

A screenshot of the User Profile Page. The top navigation bar includes "Travel Planning", "Contact", "Login", and "Start Travel Now!". The profile section shows a user icon, the name "Autism", and the handle "@UserA". Below this, personal details are listed: Birthday: January 1, 1996; Gender: Male; Mobile Phone: +84090; Email: usera@mail.com; Country: Viet Nam (Ho Chi Minh). To the right, an "Achievements" section displays "Total JOURNEYS: 11" and "Total RATES: 3". A large green box titled "The Journey" lists a single entry: "No. #1 Sightseeing Deploy Date: December 12, 2016 Duration: 3 days". A red "Remove" button is located in the top right corner of this box.

Click on the journey entry, user will then be redirected to the Display Journey Page. The information of the saved journey will be displayed.



3 days in Sydney

Overview [Sydney](#)

- **Country:** Australia
- **Cities:** Sydney
- **Duration:** 3 day(s)
- **Estimated budget:** \$360.0
- **Type:** Sightseeing
- **Deploy date:** 2016-12-23

[Return to profile](#)

Overview [Sydney](#)

Day 1

Morning ☕	250×250	Museum Of Sydney
		The Museum Of Sydney Is A Historical Collection And Exhibit, Built On The Ruins Of The House Of New South Wales First Governor, Arthur Phillip, On The Present-Day Corner Of Phillip And Bridge Street, Sydney. The Original House, Which Was Australias F... More
Afternoon ☀️	250×250	Wild Life Sydney
		Wild Life Sydney Zoo (Formerly Sydney Wildlife World) Is A Wildlife Park In The Heart Of The City Of Sydney, Australia. Officially Opened In September 2006, It Is Located On The City Side Of The Darling Harbour Leisure And Retail Precinct, Next To Sy... More

To get back to the User Profile Page, click on the '**Return to profile**' button.

6-12-23

Return to profile

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Development Environment and Techniques

- HTML
- CSS
- Javascript
- Servlet
- Github : <https://github.com/zovipro1996/TravelPlaning>
- Google drive

Conclusion and Future Work

Final Thoughts

As promising as it may be, the project need more time to development overly if we want to deploy it to the public. Since the people's needs vary massively and very hard to handle every possibility, this project just contain enough for a small portion of people (4).

Some functions in the current project are not very well-handled due to the obstacles listed in the Progress Approximation.

Future Works:

In the near-future, the project needs first, fixing every mistakes made in the demo version. Optimizing the GUI with synchronization among different sections and parts, reorganize the system's file-management and mapping, naming relation.

After succeeding perfect the demo version, we then begin with re-analyze resource and add in excluding function list with consideration.

THE END.