**High, Travel!**

**Requirements and Specification**

Rev. 1.4 2018-06-01 – fifth version

**Revision Bullet List**

* added newly drawn User Interface
* edited User Stories based on new User Interface

**Members**

9조 양지훈, 박규연, 김지우, 최현지

**Abstract**

“High, Travel!” will provide a service for people planning trip with someone else. Our service can be of help in all processes of trip, from start to end. While planning the trip, users share the itinerary and budget. Also they can confirm travel routes with map and come up with the rules. During the trip, users can record their expenses, organize pictures by date and places. Finally, after the travel, users can solve the financial problems easily, and look back on their trip with photos and diary neatly organized.

**Customer**

Anyone who plans to go on a trip with his/her friends, family, colleague and tries to manage their travel issues are our customers. Anyone who has suffered from arguments with accompany, ruined his/her travel and relationships would agree on the needs of our service. Furthermore, this service will be useful for anyone who wants to record his/her memory of travel.

**Competitive Landscape**

There are a lot of services related to travel planning. However, most of the services, like “Tripit”, focus on his or her *own* planning and budget, expense management. Compared to those services, our service will focus on enabling users to *share* all parts of their journey. According to 2016 statistic from Korea Tourism Organization, only 12.5% of Koreans went on a trip alone, and average number of people traveling together was 5.7. This result shows that there might be a lot of needs of sharing their whole traveling process between members.

“Travefy” service have some common points with the service we are planning to develop. This service supports travel planning, expense management and show tourist spots in map for group traveling. Compared to this service, our service will show the itinerary as a form of calendar. Also we will provide additional service like photo sharing, and posting rules. Traveling together means making meaningful memories with traveling members. By sharing their photos, users can make their trip more impressive. Moreover, by partitioning shared photos’ page by date, user can manage their photos effectively. Posting rules function will help the members to avoid conflicts during their trip. Finally, our service also provides diary function. Users can scrap photos to their diary and organize their travel memories individually.

**User Stories**

- Actors : Regular users

Story 1 : Intro page

Feature : Sign in

Scenario : Sign in and go to user page

Acceptance Test :

Given I am on the intro page

When I type my username in the username box

And I type my password in the password box

And I click login button

Then I should be in user page

Exceptions :

The user does not fill out all fields and click login button. (Send error message)

The user is not registered. (Send error message)

Iteration : sprint 1

Story 2 : Intro page

Feature : Sign up

Scenario : Sign up in sign up page and go back to intro page

Acceptance Test :

Given I am on the intro page

When I click signup button

Then I am on the signup page

When I type my username in the username box

And I type my password in the password box

And I duplicate my password in next box

And I click submit button

Then I should be signed up

And I should be back in intro page

Exceptions : The user does not fill out all fields. (Send error message)

Iteration : sprint 1

Story 3 : User page

Feature : Add a new trip

Scenario : Add a new trip in add-trip form and go back to user page

Acceptance test :

Given I am on the user page

When I click add new trip button

Then I see add trip pop-up form

When I type the title of a trip

And I type departure date

And I type arrival date

And I click make button

Then Form is closed and I am on the user page

And New trip has been added to the page

Exceptions : The user does not fill out all fields. (Send error message)

Iteration : sprint 2

Story 4 : User page

Feature : Enter each trip homepage

Scenario : Enter each trip homepage

Acceptance test :

Given I am on the user page

When I click the title of certain trip

Then I am on the homepage of that trip

And I can see the calendar

Iteration : sprint 2

Story 5 : Home menu

Feature : Update calendar

Scenario : Add schedule

Acceptance test :

Given I am on home menu

When I click add schedule button

Then I see add schedule pop-up form

When I type since when

And I type until when

And I type the contents

And I click add button

Then New schedule is added to the calendar

Exceptions : The user does not fill out all fields. (Send error message)

The user picked wrong date. (Block choosing earlier date in until than since)

Iteration : sprint 2

Story 6 : Money menu

Feature : update budget

Scenario : budget and get total cost

Acceptance test :

Given I am on home menu

When I click money menu

Then I am on budget tab

When I click add budget button

Then I see add budget pop-up form

When I fill in contents

And I input the cost

And I click add budget button

Then The add budget form is closed

And New budget is added to the table

And Total cost is shown above the table

When I click the cell of table

Then I see input box

When I fill in the input

Then I can change the content or cost

When I click the row checkbox

Then I see delete button

When I click the delete button

Then The row is deleted

Exceptions : The user does not fill out all fields. (Send error message)

The user changed the cell with unallowed input. (Block change)

Iteration : sprint 3

Story 7 : Money menu

Feature : update expense

Scenario : keep a record of expense to split the bill

Acceptance test :

Given I am on money menu

When I click expense tab

Then I am on expense tab

When I click add expense button

Then I see add expense pop-up form

When I fill in contents

And I input the date

And I input the cost

And I click add expense button

Then The add expense form is closed

And New expense is added to the table

And Total cost is shown above the table by each user

When I click the cell of table

Then I see input box

When I fill in the input

Then I can change the content or cost

When I click the row checkbox

Then I see delete button

When I click the delete button

Then The row is deleted

Exceptions : The user does not fill out all fields. (Send error message)

The user changed the cell with unallowed input. (Block change)

Iteration : sprint 3

Story 8 : Rules & Todos menu

Feature : update rules

Scenario :

Acceptance test :

Given I am on money menu

When I click rules and todos menu

Then I am on rules tab

Exceptions :

Iteration : sprint 2

Story 9 : Rules & Todos menu

Feature : update todos

Scenario :

Acceptance test :

Given I am on rules and todos menu

When I click todos tab

Then I am on todos tab

Exceptions :

Iteration : sprint 2

Story 10 : Photo menu

Feature : see photos

Scenario :

Acceptance test :

Given I am on rules and todos menu

When I click photos menu

Then I am on photo tab

Exceptions :

Iteration : sprint 4

Story 11 : Photo menu

Feature : update photos

Scenario :

Acceptance test :

Given I am on rules and todos menu

When I click photos menu

Then I am on photo tab

Exceptions :

Iteration : sprint 4

Story 12 : Diary menu

Feature : see diaries

Scenario :

Acceptance test :

Given I am on rules and todos menu

When I click photos menu

Then I am on photo tab

Exceptions :

Iteration : sprint 4

Story 13 : Diary menu

Feature : update photos

Scenario :

Acceptance test :

Given I am on rules and todos menu

When I click photos menu

Then I am on photo tab

Exceptions :

Iteration : sprint 4

- Actors : Trip owners

Story 1 : Settings menu

Feature : update users

Scenario : Add or delete users in the trip

Acceptance test :

Given I am on diaries menu

When I click settings menu

Then I am on settings menu

And I see users list

When I input username

And I click add user button

Then User is added to the list

When I click delete button

Then User is deleted from the list

Exceptions : User does not exist. (Send error message)

Iteration : sprint 4

Story 2 : Settings menu

Feature : update trip information

Scenario : Modify title or date of the trip

Acceptance test :

Given I am on settings menu

When I click the cell of title/since/until

And I input new value

Then Trip info is modified

Exceptions : The user picked wrong date. (Block choosing earlier date in until than since)

Iteration : sprint 4

**User Interface**

