MINISTRY OF EDUCATION AND TRAINING

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2012

FPT Fpt University
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My Trips

Detail Design Document

Screen Design

Project Code: **MT**

Document Code: **MTSD_v2.0**

HoaLac, 26ᵗʰMay, 2015

Record of change

*A - Added M - Modified D – Deleted

Effective Date	Changed Items	A* M, D	Change Description	New Version
26May	All	A	Create document	0.1
7th Aug	Main application	M	Update Friend Screen	0.2
10Aug	Action sheet location Screen	M	Update image	1.1
15Aug	Friend	A	Add all friend screen	2.0

SIGNATURE PAGE

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1   Introduction

1.1.   Purpose

The purpose of MT Screen Design Document is to provide User Interface and Screen Flow of the project call My Trip, which is an application that helps people save their trip. Developer and tester will base on this design to implement and unit test.

1.2.   Definitions, Acronyms and Abbreviations

Abbreviations	Description	Comment
MT	My Trip	Name of Project

1.3.   References

Document Number	Title
1	Data design document
2	Architecture design document

1.4.   Overview

This document include

- Introduction of MT Project's Screen Design.
- Screen flow and some more detail description's screen.

2. Screen Flow

2.1. Main Application
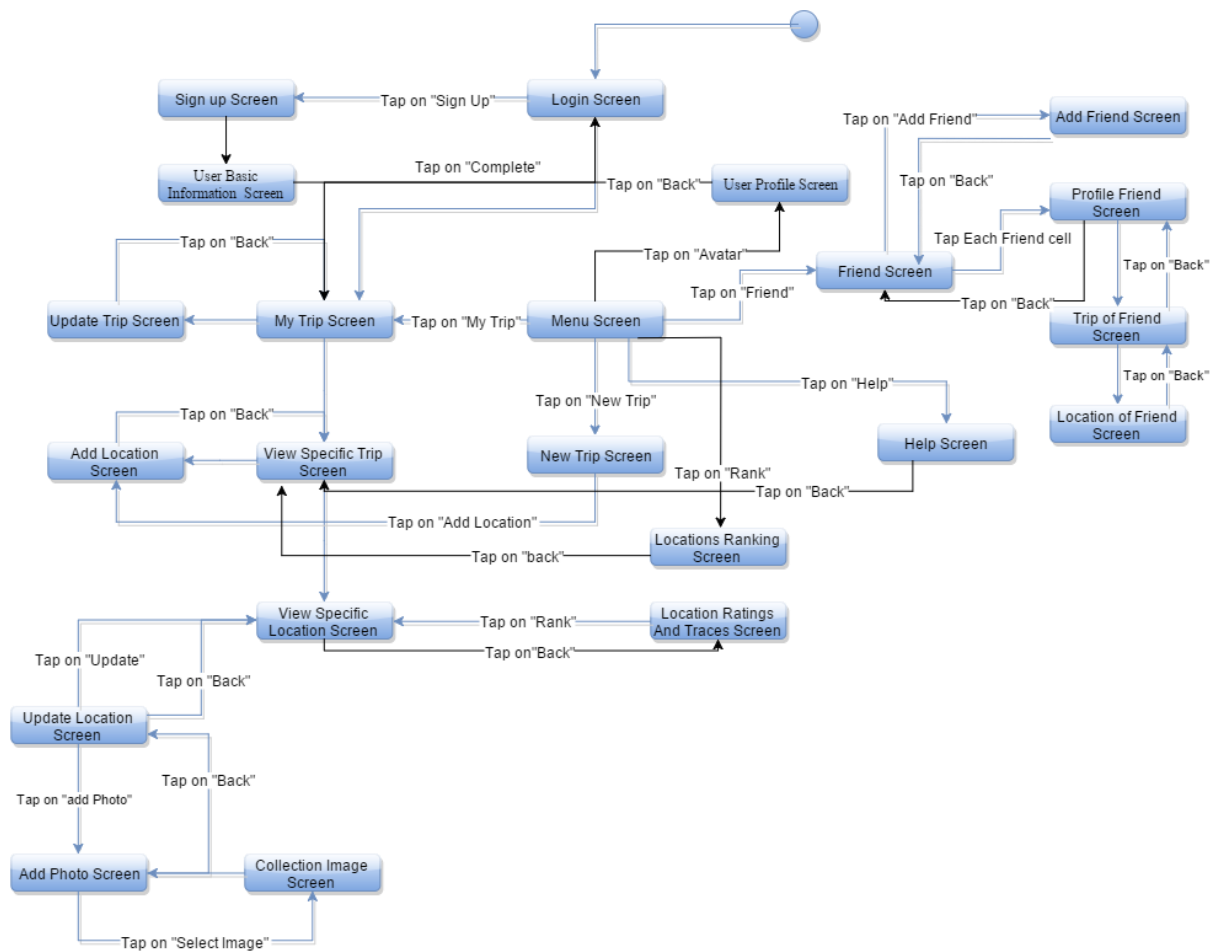
Figure 2-1: Main application Screen flow

No	Screen Name	Description
1	Create Account Screen	Where allow user create new Account login to system
2	Login Screen	Login to system with Email and Password
3	User Basic Information Screen	Confirm First Name, Last name and Avatar
4	User Profile Screen	Show all information of User
5	Update User Account Screen	Where allow user change some personal information
6	Create New Trip Screen	Allow user create new Trip
7	My Trip Screen	Display all trips of user
	My Trip Screen In Map Screen	Display all Trip in Map
	My Trip Screen In List Screen	Display all Trip in List
8	Search Trip Screen	Where allow user search trip with text
9	View Specific Trip Screen	Display information of specific trip
	View Specific Trip in Map Screen	Display information of Trip in Map (pin is Location)
	View Specific Trip in List Screen	Display information of Trip in List
10	Update Trip Screen	Where allow user update information of Trip.
11	Action Sheet of Trip Screen	Display action view Trip
12	View Specific Location Screen	Display information of Location
13	Update Location Screen	Where allow user change information of Location
14	Action Sheet of Location Screen	Display action view Location
15	Add Location Screen	Where allow user create new location information.
16	View Photo Screen	Display full Screen Photo
17	Add Photo	Where allow user delete photo
18	Edit Caption of Photo	Where allow user Edit caption of Photo
19	Action Sheet of Photo	Display action view photo
19	View List Friend Screen	Display list friend of user
20	Add Friend Screen	Where allow user search and sent request to make friend with other
21	Confirm friend request Screen	Display message request make friend and allow user confirm request
21	Add Friend to Trip Screen	Where allow user tag friend to current trip
22	View Friend Profile Screen	Display information Trip of Friend
23	View Location of Friend Screen	Display information Location of Friend
24	Locations Ranking Screen	Load list rank of location
25	Location Ratings And Traces Screen	Load list rank of location report

2.1.1. Create Account Screen
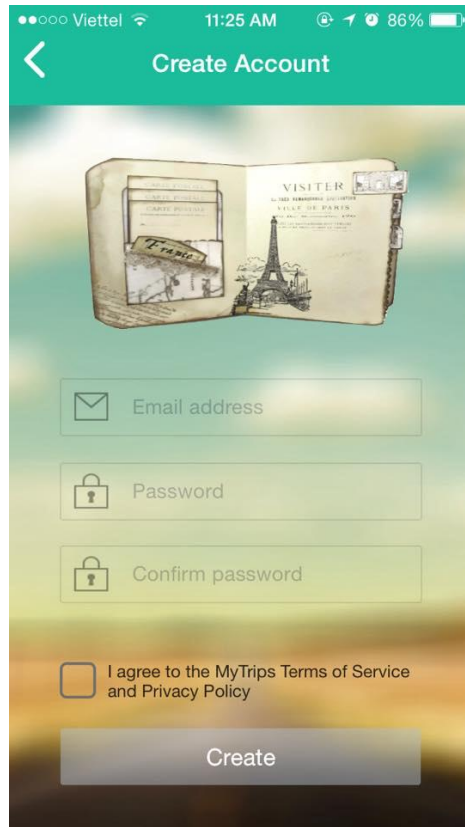
Figure 2-2: Create Account Screen

No	Component Name	Required	Format	Reference	Note
1	txtlEmailAddress	Touch on	UITextField		Input Text
2	txtPassword	Touch on	UITextField		Input Text
3	txtConfirmPassword	Touch on	UITextField		Input Text
4	lblTermOfServicePostion	Touch on	CheckBox		Tap to select
5	btnCreate	Touch on	UI Button	Login Screen	Move to Login Screen
6	btnBack	Touch on	Icon	Login Screen	Move to Login Screen

2.1.2. Login Screen
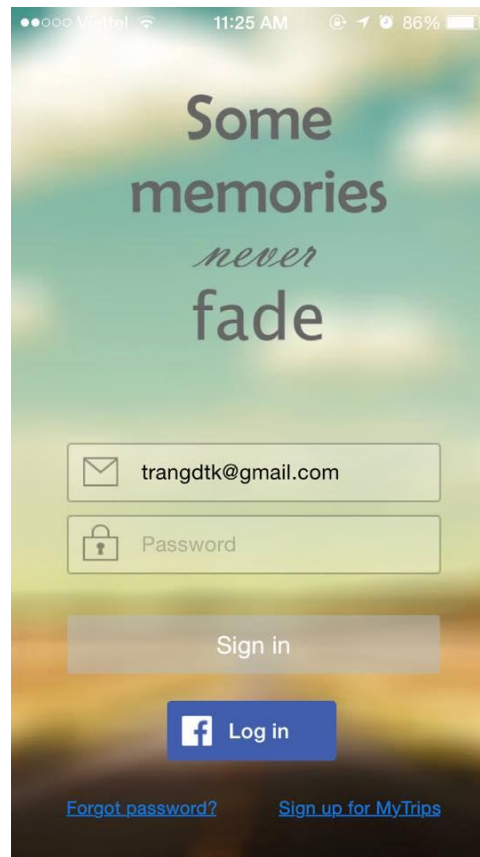
Figure 2-3: – Login Screen

No	Component Name	Required	Format	Reference	Note
1	txtEmailAddress	Touch on	UITextField		Input Text
2	txtPassword	Touch on	UITextField		Input Text
3	btnSignIn	Touch on	UI Button	My Trip Screen	Move to Main Screen
4	btnLoginFacebookLayout	Touch on	UI Button	Facebook Login screen	If user have login before, the button is disable and if not move to Facebook Login screen on Safari.
5	btnSignup	Touch on	UI Button	Sign up Screen	Move to Sign up Screen

2.1.3. User Basic Information
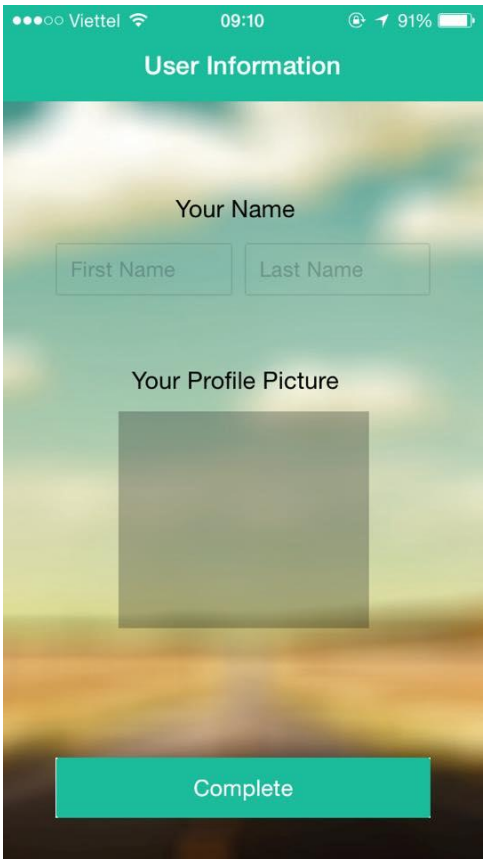
Figure 2-4: Basic information screen

No	Component Name	Required	Format	Reference	Note
1	txtFristName	Touch on	UITextField		Input Text
2	txtLastName	Touch on	UITextField		Input Text
3	btnComplete	Touch on	UI Button	My Trip Screen	Move to Main Screen
4	imgAvartar	Touch on	UImage		Choose a photo from the Gallery

2.1.4.   User Profile Screen

Figure 2-4: User profile screen

No	Component Name	Required	Format	Reference	Note
1	imgAvata	Touch on	UI image		View Current user image. If empty, view default image.
2	ImgCoverAvatar	Touch on	UI image		Show Image with animation blur
3	lblNumberOfTrip		UI Label		Display total Trips of current User
4	lblNumberOfImage		UI Label		Display total photo of Trip
5	txtName		UITextField		Display name of User and status is disable
6	txtPhone		UITextField		Display phone number of user and status is disable editing
7	txtGender		UITextField		Display gender of User and status is disable editing
8	txtDateOfBirth		UITextField		Display UIpickerview to select

					Date and then set text with format (dd/mm/yyyy) and status is disable editing
9	btnChangeInfo	Touch on	UI Button		All UITextField can editable and UI mage can pick to choose image from library.
10	lblNumberOfNotify	Touch on	UI Label		Display number of notify

2.1.5.   Update User Account Screen
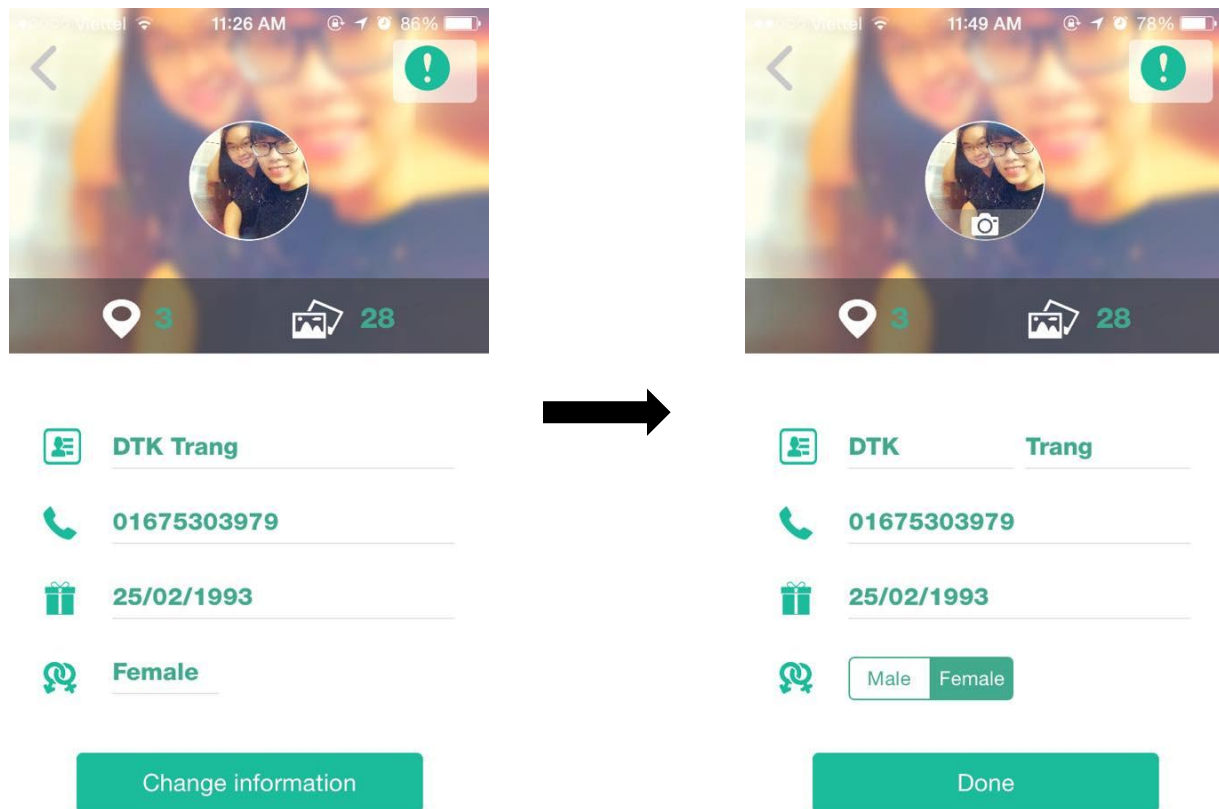
Figure 2-5: Update account screen

No	Component Name	Required	Format	Reference	Note
1	imgAvata	Touch on	UI image		View Current user image. If empty, view default image.
2	ImgCoverAvatar	Touch on	UI image		Show Image with animation blur
3	lblNumberOfTrip		UI Label		Display total Trips of current User
4	lblNumberOfImage		UI Label		Display total photo of Trip
5	txtName	Touch on	UITextField		Input text
6	txtPhone	Touch on	UITextField		Input text
7	txtGender	Touch on	UIsegmentedcontrol		Tap to choice
8	txtDateOfBirth	Touch on	UITextField		Tap to choice
9	btnDone	Touch on	UI Button		
10	lblNumberOfNotify	Touch on	UI Label		Display number of notify

2.1.6.   Menu Screen
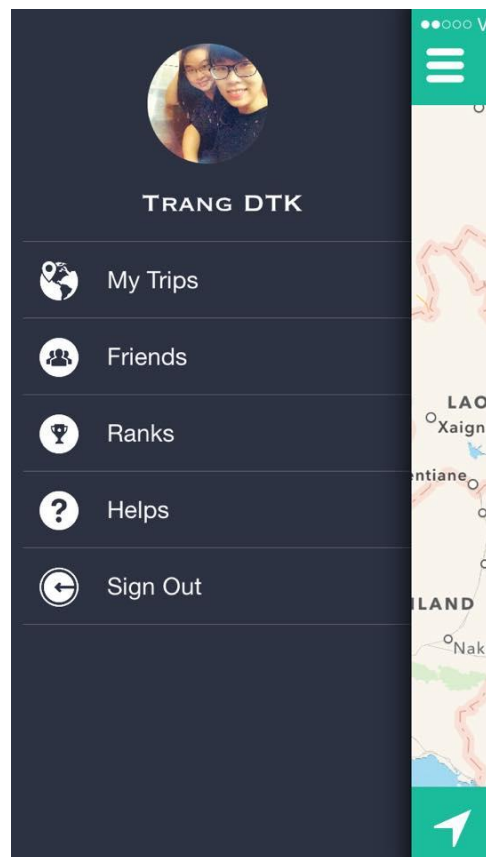
Figure 2-6: Menu Screen

No	Component Name	Required	Format	Reference	Note
1	imgAvata	Touch on	UI image		View Current user image. If empty
2	lblName		Label		Name of User
3	myTripCell	Touch on	UI Cell	My Trip Screen	Open My Trip Screen
4	myFriendSCell	Touch on	UI Cell	My Friend Screen	Open My Friend Screen
5	helpCell	Touch on	UICell	Help Screen	Open Help Screen
6	signOutCell	Touch on	UICell	Login Screen	Open Login Screen
9	btnDone	Touch on	UI Button		

2.1.7. Create New Trip Screen

Figure 2-6: Create new trip Screen

No	Component Name	Required	Format	Reference	Note
1	txtTitle	Touch on	UITextField		Name of Trip
2	txtvDescription	Touch on	UITextField		Description of Trip
3	txtDestination	Touch on	UITextField	Add Location Screen (Subview)	When Tap on, move to Add location screen
4	txtStartDate	Touch on	UITextField		The date and time to Start trip
5	txtEndate	Touch on	UITextField		The date and time to End Date
7	lblMembers	Touch on	Label	Search Friend Screen	Move to Search Friend to select one or more friends.
8	FriendCollection	Touch on	UI Collection View	Add Friend to Trip Screen	Where allow user tag friend who will join to this trip
9	Back	Touch on	Icon	My Trip Screen	Back to My Trip screen

2.1.8. My Trip Screen
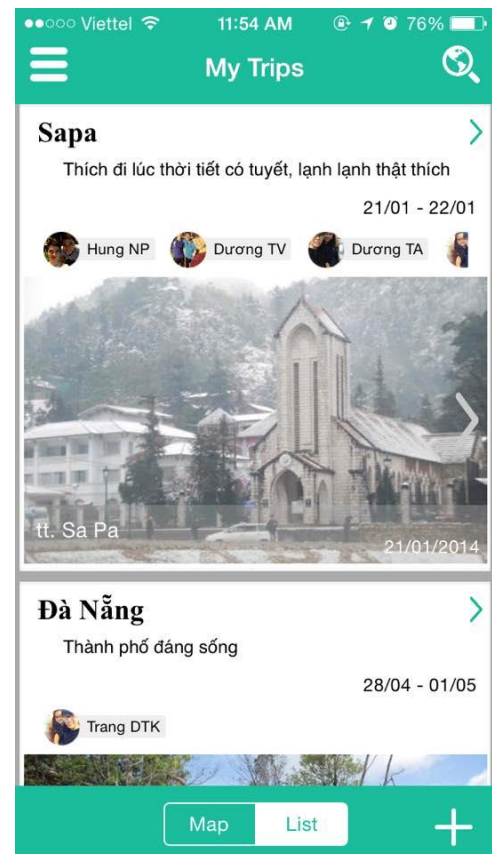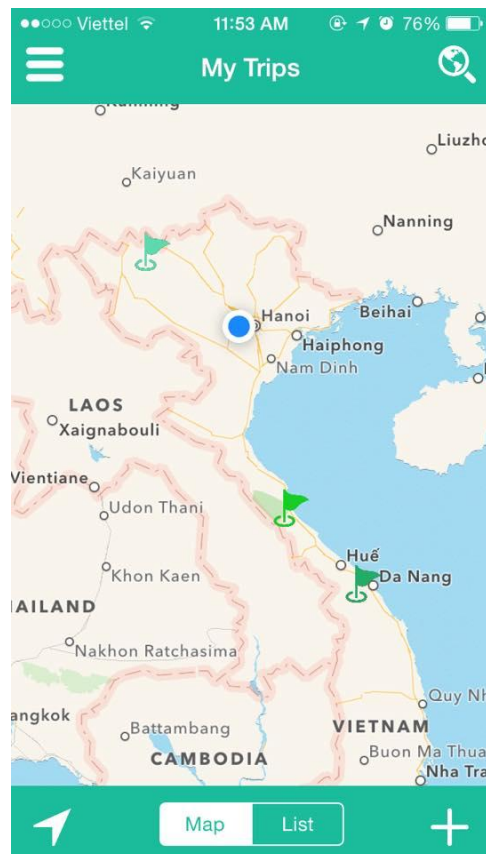
Figure 2-7: My Trip Screen

2.1.8.1.   My Trip Screen in Map Screen

No	Component Name	Required	Format	Reference	Note
1	Navigation Bar	Touch on	UI Button	Menu Screen	Open menu screen slide out
2	btnSearch	Touch on	UI Button		Search the coordinates of trip with name
3	mapView	Touch on	UIMapView		
4	btnMapView	Touch on	Segment button	My trip Screen in Map	Move to My trip Screen in Map
	btnListView	Touch on	Segment button	My trip Screen in List	Move to My trip Screen in Table View
6	btnLocationArrow	Touch on	UI Button		Zoom map
7	btnAddTrip	Touch on	UI Button	Add Trip Screen	Move to Add Trip Screen

2.1.8.2.   My Trip Screen in List Screen

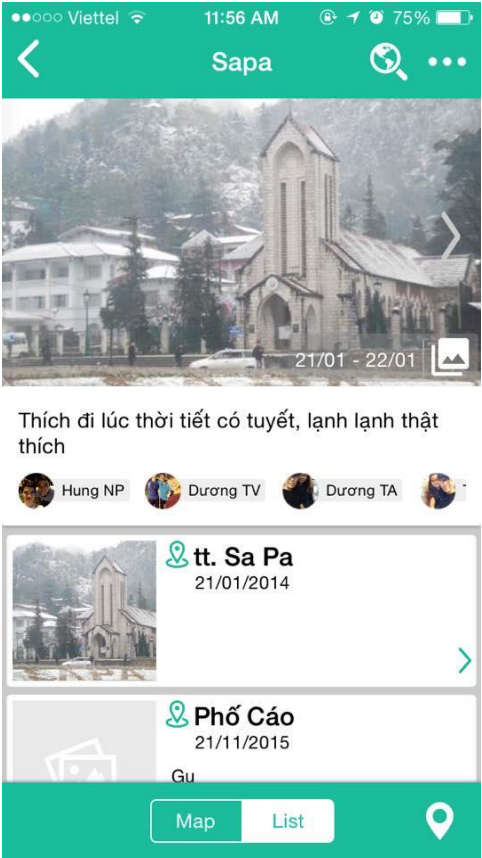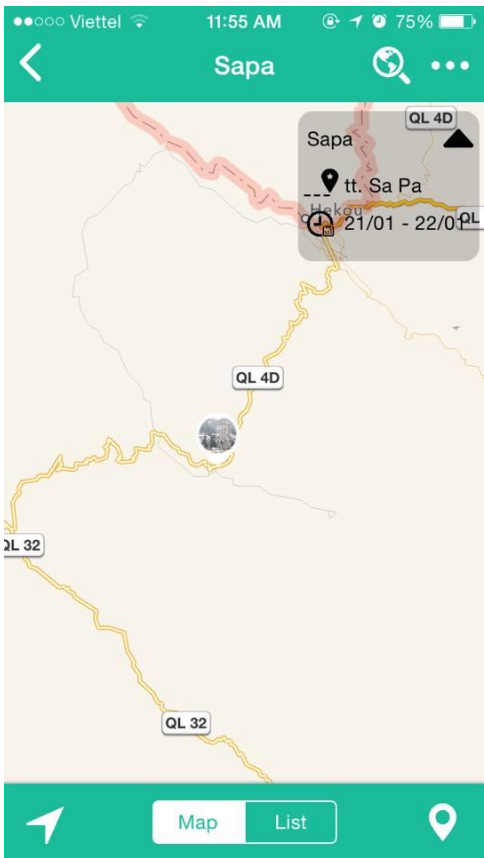| No	Component Name	Required	Format	Reference	Note
1	Navigation Bar	Touch on	UI Button	Menu Screen	Open menu screen slide out
2	btnSearch	Touch on	UI Button		Search name of trip in List
3	tripTableView	Touch on	UI Table View control		List of Trip
4	btnMapView	Touch on	Segment button	My trip Screen in Map	Move to My trip Screen in Map
	btnListView	Touch on	Segment button	My trip Screen in List	Move to My trip Screen in Table View
5	btnAddTrip	Touch on	UI Button	Add Trip Screen	Move to Add Trip Screen
6	tripTableViewCell	Touch on	UI Table View Cell		Contain information of each trip
	lblNameOfTrip	Touch on	Label		Name of Trip
	lblDescription	Touch on	Label		Description of Trip
	lblNameOfLocation	Touch on	Label		Name of First Location where start Trip
	lblDate	Touch on	Label		Date when start trip
	imgTripAvatar	Touch on	UI Image		Display Image present of Trip

2.1.9.   View Specific Trip Screen

Figure 2-8: View specific trip screen

2.1.9.1.   View Specific Trip in Map Screen

No	Component Name	Required	Format	Reference	Note
1	btnBack	Touch on	UI Button	My Trip Screen	Move to My Trip Screen
2	btnSearch	Touch on	UI Button		Search the coordinates of Location with name
3	mapView	Touch on	UIMapView		
4	btnMapView	Touch on	Segment button	View Specific Trip Screen in Map	Move to Specific Trip Screen in Map
	btnListView	Touch on	Segment button	View Specific Trip Screen in List	Move to Specific Trip Location Screen in Table View
6	btnLocationArrow	Touch on	UI Button		Zoom map
7	btnAddLocation	Touch on	UI Button	Add Location Screen	Move to add Location Screen

2.1.9.2.   View Specific Trip in List Screen

No	Component Name	Required	Format	Reference	Note
1	btnBack	Touch on	UI Button	My Trip Screen	Move to My Trip Screen
2	btnMore	Touch on	UI Button		Display Action Sheet Controller
3	specificTripTableView	Touch on	UI Table View		List all Locations of Trip
4	btnMapView	Touch on	Segment button	View Specific Trip Screen in Map	Move to Specific Trip Screen in Map
	btnListView	Touch on	Segment button	View Specific Trip Screen in List	Move to Specific Trip Location Screen in Table View
7	btnAddLocation	Touch on	UI Button	Add Location Screen	Move to add Location Screen
8	specificTripTableViewCell	Touch on	UI Table View Cell		Contain information of each Location
	ImgCover		UI Image		Display slide of Image of current Trip
	imgUserAvatar		UI Image		Avatar of current user
	imgLocationCover		UI Image		Image cover of Location
	lblNameOfLocation		Label		Name of Location
	lblDescriptionLocation		Label		Description of Location
	lblDate		Label		Date user pass Location

2.1.10. Update Trip Screen
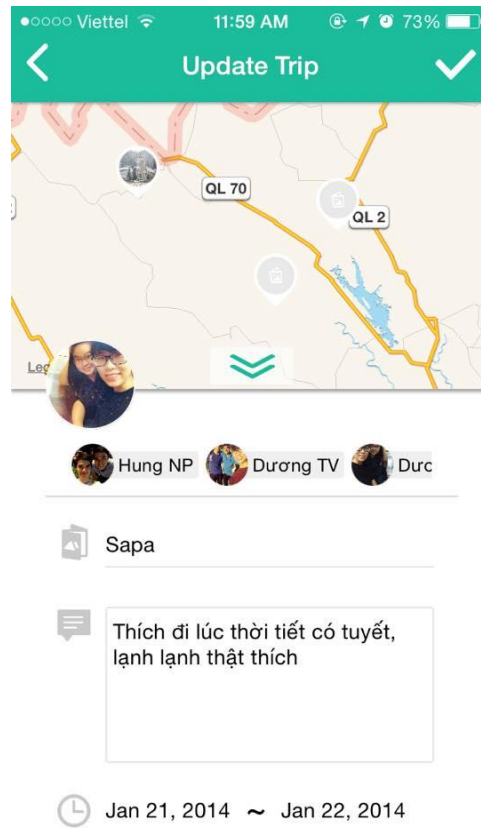
Figure 2-9: Update trip

No	Component Name	Required	Format	Reference	Note
1	btnBack	Touch on	UI Button	Specific Trip Screen	Move to Specific Trip Screen
2	btnDone	Touch on	UI Button		Save all change information
3	imgAvatar	Touch on	UI Image		User avatar
4	friendTableView	Touch on	UI Table View		Table list and tag friend to Trip
5	txtTitle	Touch on	UITextField		Title of Trip
6	txtDescription	Touch on	UITextFiled		Description of Trip
7	lblStart	Touch on	Label		Date to start Trip
8	lblEnd	Touch on	Label		Date to end Trip

2.1.11. Action Sheet of Trip
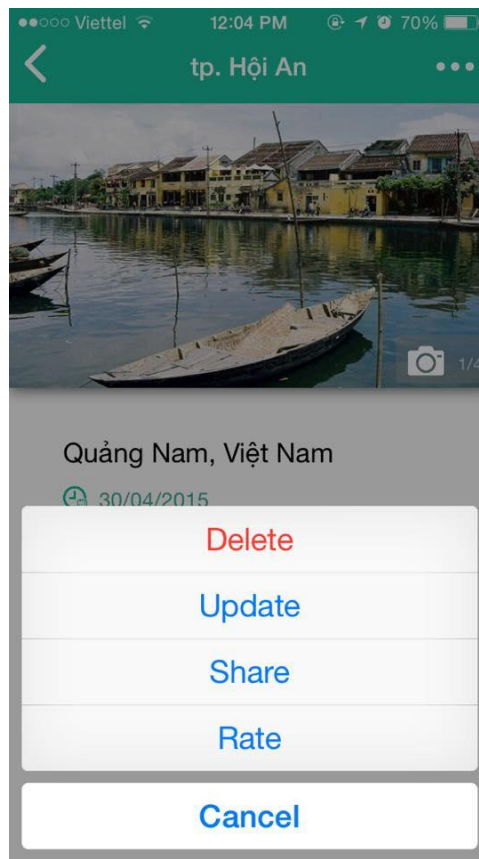
Figure 2-10: Action sheet of trip Screen

No	Component Name	Required	Format	Reference	Note
1	btnDeleteTrip	Touch on	UIArlertAction		Delete current Trip
2	btnUpdateTrip	Touch on	UIArlertAction	Update Trip Screen	Move to Update Trip Screen
3	btnShareTrip	Touch on	UIArlertAction		Share current Trip
4	btnRate	Touch on	UIArlertAction	Rate Screen	Action Rate
4	btnCancel	Touch on	UIArlertAction		Cancel Action Sheet

2.1.12. View specific Location screen

Figure 2-11: View Specific Location Screen

No	Component Name	Required	Format	Reference	Note
1	imgCoverImage	Touch on	UI Image	View Photo Screen	Move to View Photo Screen
2	lblNumberOfPhoto	Touch on	Label	Collection Photo Screen	Display number of Photo in List and when tap on Move to View Photo Screen
3	lblAddressLocation		Label		Display Address
4	lblDate		Label		Display date when pass Location
5	txtDescription		UI TextFiled		Display description of Location
6	btnBack	Touch on	Button	Specific Trip Screen	Move to Specific Trip Screen
7	btnMore	Touch on	Button		Open Action Sheet
8	btnNextLocation	Touch on	Button		Next to another Location infomation
9	btnpreviousLocation	Touch on	Button		Back to previous Location infomation

2.1.13. Update Location screen
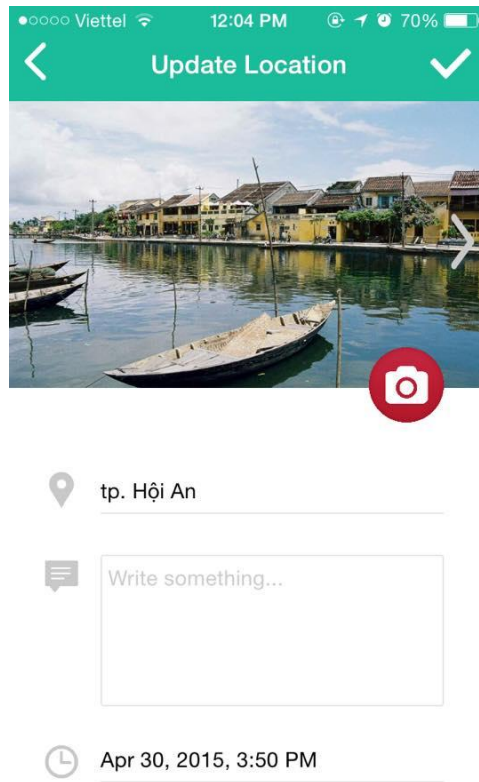
Figure 2-12: Update location

No	Component Name	Required	Format	Reference	Note
1	imgCoverImage	Touch on	UI Image	View Photo Screen	Move to View Photo Screen
2	btnAddPhoto	Touch on	Button		Open Library to select image
3	lblAddressLocation	Touch on	UI TextFiled	Select Location Screen	Move to Select Location Screen
4	txtDescription		UI TextFiled		Display description of Location
6	btnBack	Touch on	Button	Location Screen	Move to Location Screen
7	btnDone	Touch on	Button	Location Screen	Save data and move to Location Screen

2.1.14. Add Location Screen
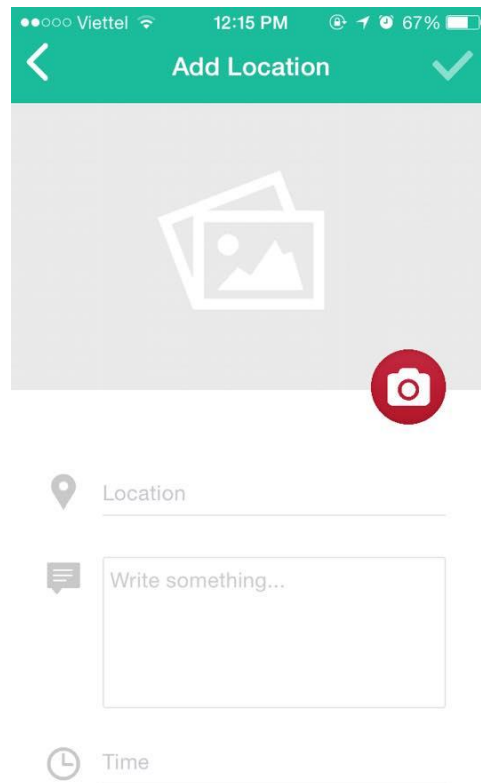
Figure 2-13: Add location

No	Component Name	Required	Format	Reference	Note
1	imgCoverImage	Touch on	UI Image	View Photo Screen	Move to View Photo Screen
2	btnAddPhoto	Touch on	Button		Open Library to select image
3	lblAddressLocation	Touch on	UI TextFiled	Select Location Screen	Move to Select Location Screen
4	txtDescription		UI TextFiled		Display description of Location
6	btnBack	Touch on	Button	Location Screen	Move to Location Screen
7	btnDone	Touch on	Button	Location Screen	Save data and move to Location Screen

2.1.15. Action sheet location Screen
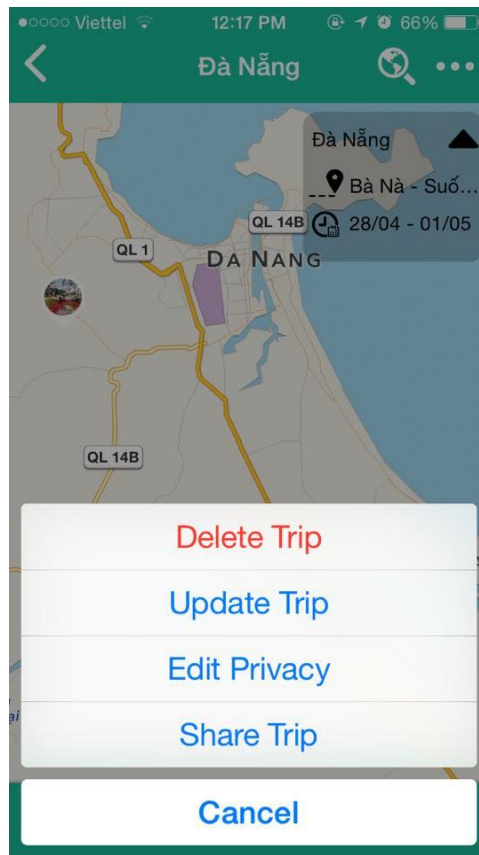
Figure 2-14: Action sheet location

No	Component Name	Required	Format	Reference	Note
1	btnDeleteLocation	Touch on	UIArlertAction		Delete current Location
2	btnUpdateLocation	Touch on	UIArlertAction	Update Location Screen	Move to Update Location Screen
3	btnShareLocation	Touch on	UIArlertAction		Share current Location
4	btnCancel	Touch on	UIArlertAction		Cancel Action Sheet
5	btnEditPrivacy	Touch on	UIArlertAction		Action Edit Privacy

2.1.16. Photo

2.1.16.1.   View Photo Screen
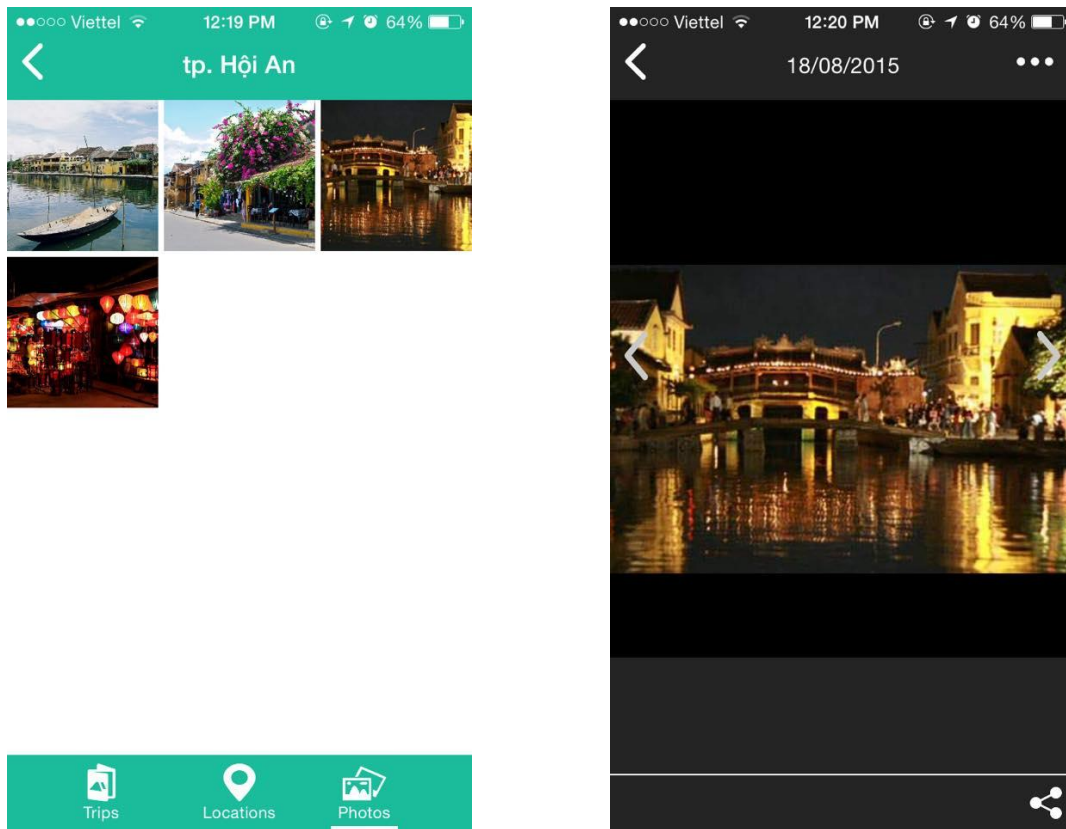
Figure 2-15: View Photo

No	Component Name	Required	Format	Reference	Note
1	imgPhoto	Touch on	UI Image		Display Image
2	lblDescription		UI TextFiled		Display Description
3	btnShare	Touch on	Button		Share Image
4	btnMore	Touch on	Button		Open Action Sheet
5	btnBack	Touch on	Button	Location Screen	Move to Location Screen

2.1.16.2.   Add Photo Screen
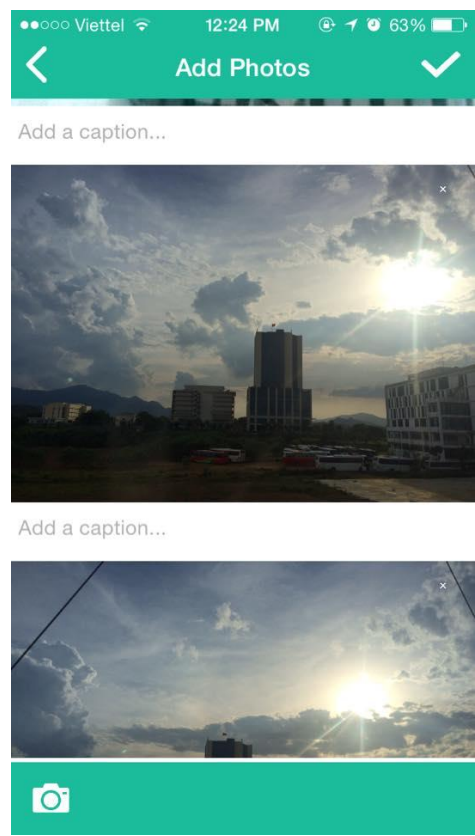
Figure 2-16: Add Photo

No	Component Name	Required	Format	Reference	Note
1	Back	Touch on	Button		Back to Collection View Image
2	imgPhoto	Touch on	UI Image		Display image have selected
3	txtDescription	Touch on	UI TextField		Input text
4	btnAddPhoto	Touch on	Button		Add more photo to list
5	btnDone	Touch on	Button		Save data

2.1.16.3.   Action Sheet of Photo
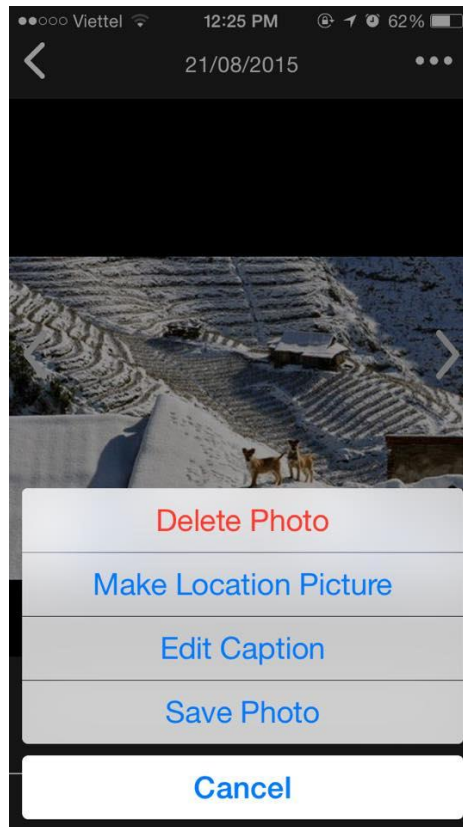
Figure 2-17: action sheet of photo

No	Component Name	Required	Format	Reference	Note
1	btnDeletePhoto	Touch on	Button		Delete current photo
2	btnMakeLocationPicture	Touch on	Button		Set this image to avatar of Location
3	btnEditCaption	Touch on	Button		Exit Caption of Photo
4	btnSavePhoto	Touch on	Button		Download this Image to local
5	btnCancel	Touch on	Button		Cancel Sheet button

2.1.16.4.   Edit Caption of Photo Screen
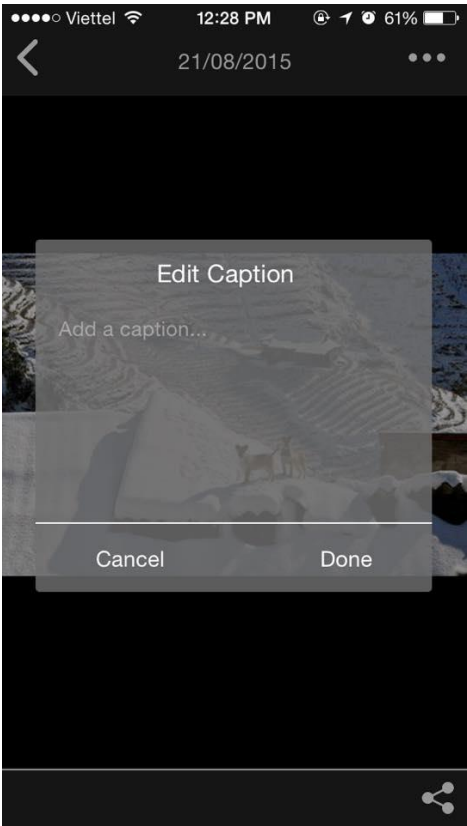
Figure 2-18: Edit caption of photo

No	Component Name	Required	Format	Reference	Note
1	btnCancel	Touch on	Button		Close Edit Caption sub-view
2	btnDone	Touch on	Button		Save data and close Edit Caption sub-view
3	txtCaption	Touch on	UI TextView		Exit Caption of Photo

2.1.17. Friend

2.1.17.1.   View List Friend Screen
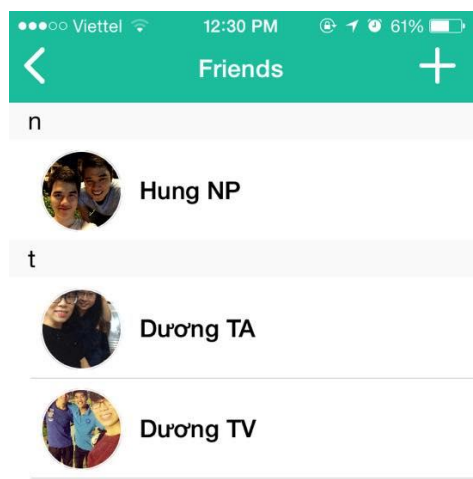
Figure 2-19: View list friend

No	Component Name	Required	Format	Reference	Note
1	btnAddFriend	Touch on	Button	Add Friend Screen	Move to add Friend Screen
2	btnBack	Touch on	Button	My Trip Screen	Back to My Trip Screen
3	FriendTableView	Touch on	Button		List all my Friend

2.1.17.2.   Add Friends Screen
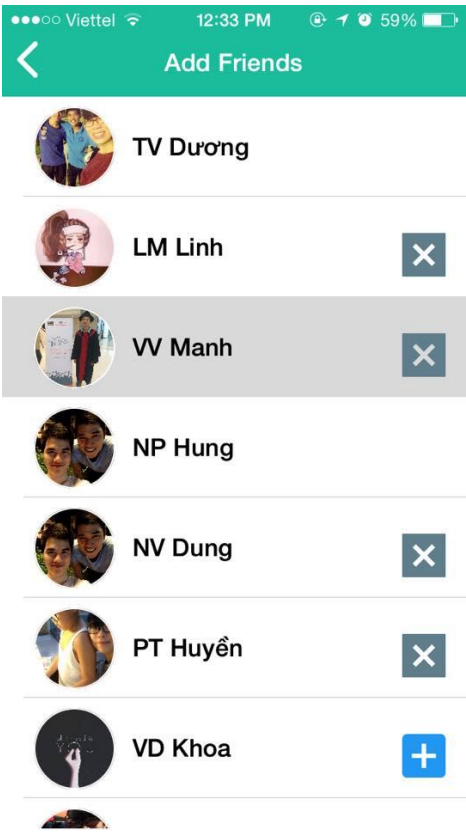
Figure 2-20: add Friend Screen

No	Component Name	Required	Format	Reference	Note
1	searchBar	Touch on	UI Search Bar		Search Friend Name
2	imgAvatar	Touch on	UI Image		Avatar of Friend
3	txtName	Touch on	UI TextField		Name of Friend
4	btnAdd	Touch on	Button		Send request to make friend
5	btnDelete	Touch on	Button		Cancel request make friend

2.1.17.3.   Confirm friend request Screen
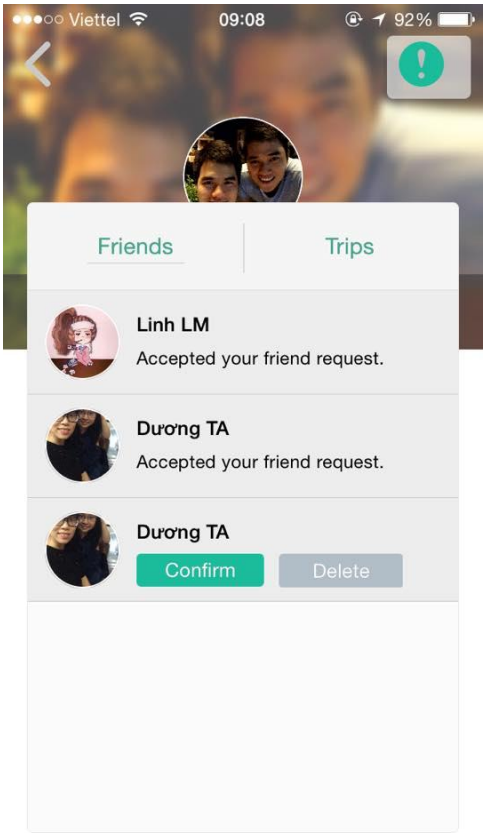
Figure 2-21: Confirm friend request Screen

No	Component Name	Required	Format	Reference	Note
1	btnFriendsTap	Touch on	Button		Move to Friends request SubView
2	btnFriendsTap	Touch on	Button		Move to Trips request SubView
3	imgAvatar		UI Image		Avatar of Friend who sent request
4	btnConfirm	Touch on	Button		Confirm request
5	btnCancel	Touch on	Button		Cancel request

2.1.17.4.   Add Friend to trip Screen
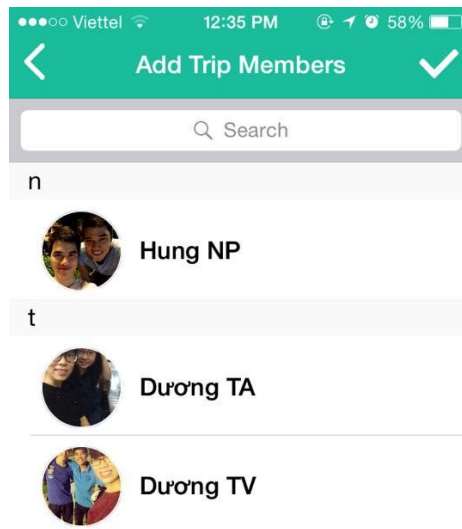
Figure 2-22: add Friend to Trip Screen

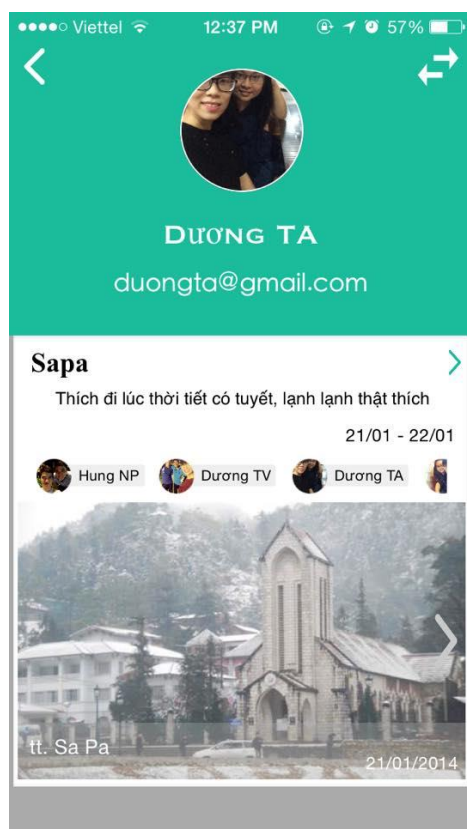| No	Component Name	Required	Format	Reference	Note
1	searchBar	Touch on	UI Search Bar		Search friend with name
2	imgAvatar		UI Image		Avatar of Friend who sent request
3	Btnadd	Touch on	Button		Sent request to add friend
4	btnBack	Touch on	Button	Update Location Screen	Move to update Location Screen

2.1.17.5.   View Friend Trip Screen

Figure 2- 23: View Friend trip

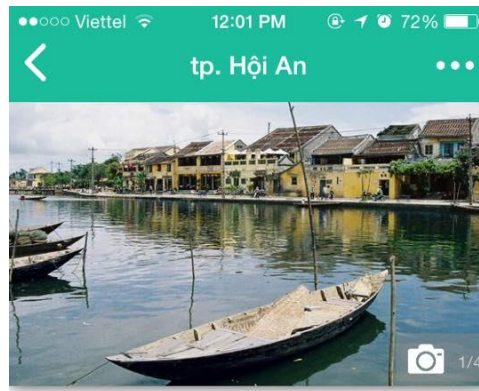| No	Component Name	Required	Format	Reference	Note
1	imgAvatar	Touch on	UI Image		Avatar image of Friend
2	lblName	Touch on	Label		Name of Friend
3	lblEmail		Label		Email of Friend
4	lblTitle		Label		Title of Trip
5	lblDescription		Label		Description of Trip
6	lblDate		Label		Date of Trip
7	friendTableView	Touch on	UI TableView		List all friend tag in trip
8	btnBack	Touch on	Button	Add Friend Screen	Move to Add Friend Screen
9	btnSwitch	Touch on	UI Button		Switch view Location in map

2.1.17.6.   View location of friend Screen

Figure 2- 24: View location of friend

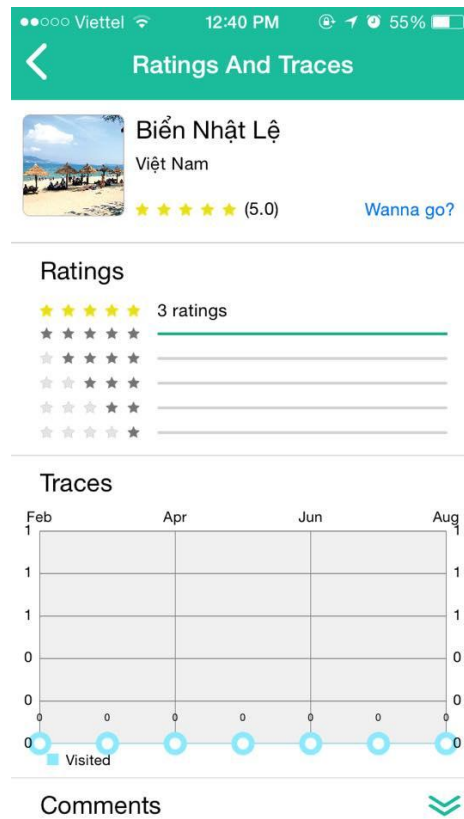| No	Component Name	Required	Format	Reference	Note
1	imgCoverImage	Touch on	UI Image	View Photo Screen	Move to View Photo Screen
2	lblNumberOfPhoto	Touch on	Label	Collection Photo Screen	Display number of Photo in List and when tap on Move to View Photo Screen
3	lblAddressLocation		Label		Display Address
4	lblDate		Label		Display date when pass Location
5	txtDescription		UI TextField		Display description of Location
6	btnBack	Touch on	Button	Specific Trip of Friend Screen	Move to Specific Trip of Friend Screen
7	btnMore	Touch on	Button		Open Action Sheet
8	btnNextLocation	Touch on	Button		Next to another Location infomation
9	btnpreviousLocation	Touch on	Button		Back to previous Location infomation

2.1.17.7.   Locations Ranking Screen

Figure 2- 25: Location Rating Screen

No	Component Name	Required	Format	Reference	Note
1	btnBack	Touch on	UI Button	My Trip Screen	Move to the My Trip Screen
2	rankTableView	Touch on	UI Table View		Table display top of Location
3	btnTotal	Touch on	UI Button		Total location
4	btnYear	Touch on	UI Button		Display
5	btnMonth	Touch on	UI Button		Display description of Location
6	btnSearch	Touch on	UI Button		Location in top Location

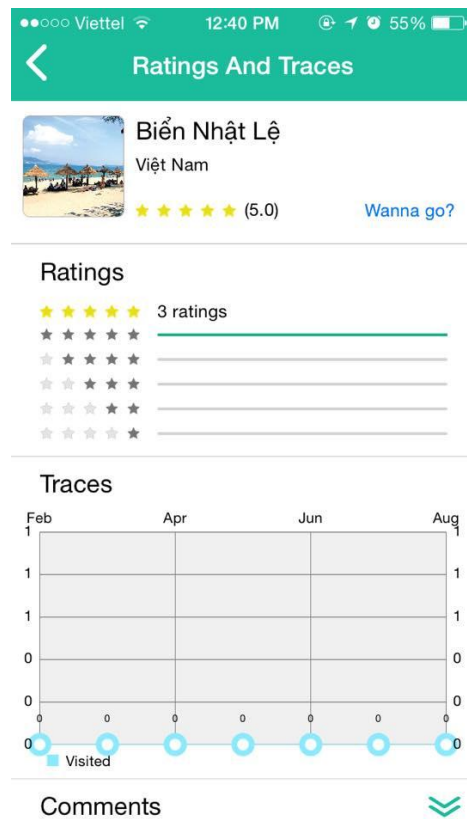### 2.1.17.8.   Location Ratings And Traces Screen

Figure 2- 26: Location Rating And Traces Screen

No	Component Name	Required	Format	Reference	Note
1	btnBack	Touch on	UI Button	Location Rating Screen	Move to the My Location Rating Screen
2	imgLocation		UI Image		Display image present of location
3	lblLocationName		UI Label		Display Location Name
4	imgRating	UI Image Rating	UI Image		Display number of ratings
5	Chart	Touch on	UI BarChartView		Display number of ratings via chart
6	commentTableView	Touch on	Table View		Display all comment about this location.