

Use Case List

<i>ID</i>	<i>Primary Actor</i>	<i>Use Case Title</i>
1	User	Search for group deals in desired area
2	User	New User Registration (obsolete)
3	User	Create Profile (obsolete)
4	User	User Login
5	User	Join Deal Group
6	User	View Deal Group Members

Use Case 1

Use Case ID:	1		
Use Case Name:	Search for group deals in desired area		
Created By:	Team 5	Last Updated By:	Team 5
Date Created:	2/19/2016	Date Last Updated:	4/22/2016

Actors:	User
Description:	User searches for desired city in order to view relevant group deal listings
Trigger:	User is on any page and uses search bar to perform search
Preconditions:	
Postconditions:	<ol style="list-style-type: none"> 1. Displays user's preferences for deal category via "ebay-style" filters on the left. 2. Displays available deals on the right.
Normal Flow:	<p><1.0></p> <ol style="list-style-type: none"> 1. User is on the homepage. 2. User fills in a field for a city on the search bar and presses the search button. 3. Search APIs for potential promotions based in that city 4. Listings are presented. 5. User can filter listings based on categories (e.g food)
Alternative Flows:	<p><1.1> User doesn't select a category preference; default is all listings shown.</p> <p><1.2> If a city is not entered. deals do not show up. (Search button cannot be used if city field is left blank)</p>

Exceptions:	
Includes:	Case 4 (Login)
Priority:	High
Frequency of Use:	Once per session
Business Rules:	<ol style="list-style-type: none"> 1. All available listings in the area are listed 2. Listings that fit the requirements given (or all listings if the user has not selected a category) are displayed.
Special Requirements:	<ol style="list-style-type: none"> 1. Cache results from recent searches. When a search is made, first check the database for cache results before making a new api call. 2. Shall return search results within 3 seconds
Assumptions:	
Notes and Issues:	Once enough people show interest in participating on a particular listing, do we set up a 'chatroom' or do we email them individually?

Revision History

Name	Date	Reason For Changes	Version
Jia Yao	2/22/2016	Added sequence numbers & alternative flow	1.1
Team 5	2/29/2016	Specified details on business rules, flow, and trigger	1.2
Charles Chung	3/16/2016	Added details on how to handle exceptions and alternate flow	1.3
Team 5	4/22/16	Removed irrelevant exceptions	1.4

Use Case 2

Use Case ID:	2 (OBSOLETE)		
Use Case Name:	New User Registration		
Created By:	Team 5	Last Updated By:	Team 5
Date Created:	2/19/2016	Date Last Updated:	4/22/2016

Actors:	User
Description:	Create new user account
Trigger:	Click register button on the homepage
Preconditions:	User is not already signed in
Postconditions:	<ol style="list-style-type: none"> 1. New account is created 2. User is immediately signed into new account 3. Register (and Login) button hidden 4. Create/Edit Profile button is shown instead.
Normal Flow:	<2.0> <ol style="list-style-type: none"> 1. User clicks register button on the homepage and is directed to a registration page 2. User fills out required fields: username, email, password 3. User hits register button
Alternative Flows:	<2.1> User also fills out optional fields such as phone number, home location, etc
Exceptions:	<2.0.E.1> <ol style="list-style-type: none"> 1. Required field is not filled out 2. Display message accordingly to notify user <2.0.E.2>

	1. Username already taken 2. Display message accordingly to notify user <2.0.E.3> 1. Email already registered / invalid 2. Display message accordingly to notify user
Includes:	
Priority:	High
Frequency of Use:	Once per lifetime of User.
Business Rules:	
Special Requirements:	1. Should complete in under 10 seconds.
Assumptions:	
Notes and Issues:	(We opted to use the Facebook API to handle user registration/login, so this use case is obsolete)

Revision History

Name	Date	Reason For Changes	Version
Jia Yao	2/22/2016	Added sequence numbers & alternative flow	1.1
Team 5	2/29/2016	Specified details on business rules, flow, and trigger	1.2
Team 5	4/22/2016	Use case is noted as obsolete, login/registration is handled by Facebook API	1.3

Use Case 3

Use Case ID:	3 (OBSOLETE)		
Use Case Name:	Create/Edit Profile		
Created By:	Team 5	Last Updated By:	Team 5
Date Created:	2/29/2016	Date Last Updated:	4/22/2016

Actors:	User
Description:	Create user's profile, which displays personal information about that user.
Trigger:	User clicks a button "Create/Edit Profile"
Preconditions:	User has registered and is logged in
Postconditions:	User's profile is updated and saved to the database, and is visible to other registered users.
Normal Flow:	<p><3.0></p> <ol style="list-style-type: none"> 1. User clicks "Create/Edit Profile" and is directed to a profile page 2. User fills in 'strict' fields such as name, gender, age, etc. 3. User can also fill a field that allows them to freely write a short description about themselves.

	<p>4. User can upload a profile picture.</p> <p>5. User hits “save profile” button.</p>
Alternative Flows:	<p><3.1></p> <p>User leaves some (or all) fields blank. The user’s completed profile will not show these fields.</p>
Exceptions:	
Includes:	
Priority:	Low
Frequency of Use:	Once a year
Business Rules:	We are not liable for any damages that occur as a result of the user’s provided information being displayed publicly.
Special Requirements:	Profile should update within 60 seconds.
Assumptions:	All users initially have a profile with all fields blank.
Notes and Issues:	We may want to consider connecting to the Facebook API as an alternative way to allow users to provide information.

Revision History

Name	Date	Reason For Changes	Version
Team 5	2/29/2016	Created use case	1.1

Team 5	4/22/2016	Use case is obsolete.	1.2

Use Case 4

Use Case ID:	4		
Use Case Name:	User Login		
Created By:	Team 5	Last Updated By:	Team 5
Date Created:	3/16/2016	Date Last Updated:	4/22/2016

Actors:	User
Description:	User logs into their account
Trigger:	Click login button on any page
Preconditions:	User is not already signed in and they have a Facebook profile.
Postconditions:	<ol style="list-style-type: none"> 1. User is signed into their account. 2. Login (and Register) button replaced with logout button 3. My Profile button is shown 4. Name is displayed in top right corner
Normal Flow:	<4.0> <ol style="list-style-type: none"> 1. User clicks on login button 2. Users fills out required fields:Facebook username and password 3. User clicks on login button
Alternative Flows:	<4.1> <ol style="list-style-type: none"> 1. User clicks on login button 2. User clicks on Forgot Password button 3. Go through facebook's forgotten password process <4.2> <ol style="list-style-type: none"> 1. User clicks on the login button while logged into Facebook (on a different tab or window)

	2. User doesn't have to enter their username and password.
Exceptions:	<4.0.E.1> 1. Incorrect username/password combination. User remains on the login window, and an error message indicates to the user that they have input an incorrect username/password combination.
Includes:	
Priority:	Low
Frequency of Use:	Once per day. (Dependent on how frequently they will use this application)
Business Rules:	1. We only take the user's name from Facebook - we don't scrape their profile for additional personal details
Special Requirements:	
Assumptions:	User has a verified facebook account
Notes and Issues:	The app doesn't distinguish between real and 'fake' Facebook profiles.

Revision History

Name	Date	Reason For Changes	Version
Team 5	3/16/2016	Created Use Case	1.1
Team 5	4/22/2016	Login is now handled by Facebook API	1.2

Use Case 5

Use Case ID:	5		
Use Case Name:	Join Deal Group		
Created By:	Team 5	Last Updated By:	Team 5
Date Created:	3/16/2016	Date Last Updated:	4/22/2016

Actors:	User
Description:	When the user finds a deal they would like to participate in, they click the 'Join Group' button. Their information is added to our database.
Trigger:	User clicks 'Join Group' Button
Preconditions:	User has logged in User has searched for deals in a city
Postconditions:	User has been added to View Deal page
Normal Flow:	<p><5.0></p> <ol style="list-style-type: none"> 1. User completes use case 1 2. User completes use case 4 3. User clicks join group button 4. A popup message is displayed showing "You have joined successfully".
Alternative Flows:	<p><5.1></p> <ol style="list-style-type: none"> 1. If User has already joined the group for that deal, an error message pop up. They do not join the group twice. <p><5.2></p> <ol style="list-style-type: none"> 1. If the User is not logged in, the button cannot be used. If the User clicks the Join Group button, a small error message pops up saying "Please log in."

Exceptions:	none
Includes:	Use case 1 and 4
Priority:	Medium
Frequency of Use:	A few times per search
Business Rules:	
Special Requirements:	
Assumptions:	Use case 1 and 4 have been completed.
Notes and Issues:	By joining a group you are consenting for others to view your personal details on the view deal page.

Revision History

Name	Date	Reason For Changes	Version
Team 5	4/22/16	Changed the normal flow	1.1

Use Case 6

Use Case ID:	6		
Use Case Name:	View Deal Group Members		
Created By:	Team 5	Last Updated By:	Team 5
Date Created:	3/16/2016	Date Last Updated:	4/22/2016

Actors:	User
Description:	When the user wants to see who is interested in a particular deal, they click the 'View' Button. They see the names of all Users who have joined the group.
Trigger:	User clicks View Button on deal
Preconditions:	User has logged in User has searched for deals in a city
Postconditions:	Member list is displayed
Normal Flow:	<6.0> <ol style="list-style-type: none">1. User wants to connect with others who are interested in the same deal2. User clicks the view button for that deal3. User sees all names of users are also interested in deal4. User clicks name of user to be linked to their profile and can now communicate with other users!
Alternative Flows:	<ol style="list-style-type: none">1. If the group is empty, go to the group member page. An error message saying no one has joined this group.
Exceptions:	none
Includes:	Use Case 1, 4.

Priority:	Highest
Frequency of Use:	A few times per search
Business Rules:	
Special Requirements:	
Assumptions:	User is logged in.
Notes and Issues:	

Revision History

Name	Date	Reason For Changes	Version
Team 5	4/22/16	Changed the normal flow	1.1