**Creating an account  
Primary Actor:** The User  
**Second Actor:**Server  
**Goal:** Creating an account  
**Pre-condition:** User has open the application  
**Main Path:**

1. User presses the “Sign Up” button in the log in screen
2. The app turns to Register screen
3. User types in the username for new account in the textbox label “Username”
   1. Once user finished typing username and goes on to fill other information, the typed username is automatically checked in the server for availability and validity
   2. If the username is already registered or is illegal, an indication will show up next to the “Username” label
   3. Once the user fixes the problem, the indication disappears
4. User types in email address for new account in the textbox labeled “E-mail”
   1. Once user finished typing email address and goes on to fill other information, the typed email address is automatically checked in the server for duplication and validity
   2. If the email address is already registered or is illegal, an indication will show up next to the “Email” label
   3. Once the user fixes the problem, the indication disappears
5. User types in password for the new account in the textbox labeled “Password”
   1. Once user finished typing and goes on to fill other information, the typed password is automatically checked for legality (eg. length limitation, legal words etc)
   2. If the typed password is illegal, an indication will show up next to the “Password” label
   3. Once the user fixes the problem, the indication disappears
6. User types in password again in the textbox labeled “Confirm Password”
   1. Once user finished typing, the retyped password is automatically checked for consistency with the first typed password
   2. If the retyped password does not match the password typed in the first time, an indication will show up next to the “Confirm Password” label
   3. Once the user fixes the problem, the indication disappears
7. User presses “Register” button
   1. If everything is correct, go to step 8
   2. If something is incorrect, the corresponding indication will not disappear and the new account cannot be created
8. A new account is created in the server and a confirmation email is sent to the new user’s email address

**Alternate Path:**

1. User presses “Cancel” button
2. The account creation procedure is cancelled

**Setting Alias  
Primary Actor:** The User  
**Goal:** Set alias for friends in contacts  
**Pre-condition:** User has entered the Contacts screen  
**Main Path:**

1. User click the name of a chosen friend
2. The app turn to the profile screen of the chosen friend
3. User click “Change Alias” button
4. A pop up window shows with a textbox
5. User types the desired alias for the chosen friend in the textbox
6. User clicks “Confirm” button in the pop up window and the chosen friend’s alias is set

Alternate path:

* 1. User clicks “Cancel” button in the pop up window and the setting alias process is canceled

**Filing in detailed account information**  
**Primary Actor:** User  
**Second Actor:** Server  
**Goal:**Acquire detailed User information  
**Pre-condition:** User has entered the profile screen in the app  
**Main Path:**

1. User presses the word “Edit” in the upper right corner
2. User types in username in the textbox labeled “Username”
3. (Optional) User types in real name in textboxes labeled “Name”
4. User types in email address in the textbox labeled “Email”
5. (Optional) User presses the portrait logo
   1. A window pops up showing “Take a photo new”, “Upload from my album” and “Cancel”
   2. User takes a photo or chooses a photo from album
   3. A confirmation window pops up to confirm chosen photo
   4. User presses “Yes” to upload profile photo or presses “No” to go back to 6
6. (Optional) User choose Male or Female in the textbox labeled “Gender”
7. (Optional) User types in workplace in textboxes labeled “Workplace”
8. User presses the button labeled “Confirm” to confirm changes made to the profile
9. Detailed User information is updated in the server

**Alternate Path:**

* 1. User presses the button labeled “Cancel” to cancel changes made to the profile
  2. User information is not changed in the server