Code Swap
Sprint 1: Use Cases

Categories:
   User Accounts [UA]
   Installation[IN]

Use Case 1: Installation
   IN1: Install

Use Case 2: Uninstall
   IN4: Uninstall

Use Case 3: Sign-up
   UA1: Sign-up Success
      Faculty
      Student
      TA
      Admin

Use Case 4: Sign-in
   UA2: Success
   UA3: Twitter success

Use Case 5: Sign-out
   UA4: Success

Use Case 6: Linking Accounts
   UA5: Success

Use Case	UA1.Sign-up
Description	User signs-up for accounts and succeeds
Actors	Users
Assumptions	User is not logged in
Steps	1. User clicks sign-up 2. User is redirected to sign-in page 3. User fills-in requested information 4. User clicks submit 5. User is redirected to landing page 6. System flashes message verifying account creation
Variations	● During step 3, account type chosen varies among: Student, TA, Faculty, & Admin ● During step 3, if password & password confirmation do not match, then the sign-up fails and jumps back to step 2 with the correct information maintained and a statement of the errors flashed across the top. ● During step 3, if the email field does not contain an email during the submit phase, the submit fails and the email field is highlighted and "Please enter an email address" is flashed on-screen.
Issues/Notes	None

Use Case	UA4.Sign out
Description	User signs out of the system
Actors	User
Assumptions	User is logged in
Steps	1. User clicks "Get me out of here!" 2. User is redirected to the landing page
Variations	None
Issues/Notes	None

Use Case	UA2.Sign-In
Description	The user has input his/her login information, and is logged in successfully
Actors	User
Assumptions	User has an account. User is not logged in.
Steps	1. The user clicks the "Sign In" link 2. User inputs login information 3. User clicks "Sign In" button 4. User is redirected to the home screen 5. User sees "You have successfully signed in"
Variations	● Failed Signed In: 4a. User is redirected to the "Sign In" page 4b. User sees "Sign In Unsuccessful"
Issues/Notes	None

Use Case	UA3.Twitter Success
Description	User signs in with Twitter instead of normal method
Actors	Users

Assumptions	User is not logged in, user has linked account with Twitter
Steps	1. User clicks twitter icon 2. User is redirected to OpenID twitter page 3. User fills-in requested twitter e-mail and password 4. User clicks submit 5. User is redirected to landing page 6. System flashes message verifying account login
Variations	● Failed Signed In: 1a. User is redirected to the "Sign In" page 1b. User sees "Sign In Unsuccessful"
Issues/Notes	Our site does not handle any password issues if the user chooses to sign in with twitter.

Use Case	UA5.Linking accounts
Description	The user can link another account supported by the site
Actors	User
Assumptions	User has an account, is logged in, and uses an OpenID service supported by the site (facebook, twitter, OpenID, google)
Steps	1. The user clicks the "authentications" link 2. User clicks a service of his/her choice 3. User clicks "Sign In" button 4. User is redirected to the service site and logs in through them 5. User is directed back to our site, and the accounts are linked
Variations	● Failed Link: 4a. User receives an unauthorized error
Issues/Notes	None

Use Case	IN1.Installing the app
Description	User will follow our deployment plan instructions to launch our app on their own server
Actors	Users
Assumptions	User has a server that they will follow the instructions on
Steps	1. User follows all instructions listed in Deployment Plan
Variations	● Something goes wrong. Uh oh. Not our fault.
Issues/Notes	None

Sample Use Case Template

Use Case	Use case identifier and reference number and modification history
Description	Goal to be achieved by use case and sources for requirement
Actors	List of actors involved in use case
Assumptions	Conditions that must be true for use case to terminate successfully
Steps	Interactions between actors and system that are necessary to achieve goal
Variations	Any variations in the steps of a use case
Issues/Notes	List of issues that remain to be resolved