

Code Swap  
Sprint 1: Use Cases

Categories:

User Accounts [UA]  
Installation[IN]

### **Use Case 1: Installation**

**IN1:** Install Success  
**IN2:** Install Failed  
**IN3:** Install Cancelled

### **Use Case 2: Uninstall**

**IN4:** Uninstall Success  
**IN5:** Uninstall Failed  
**IN6:** Uninstall Cancelled

### **Use Case 3: Sign-up**

**UA1:** Sign-up Success  
Faculty  
Student  
TA  
Admin

### **Use Case 4: Sign-in**

**UA2:** Success

### **Use Case 5: Sign-out**

**UA3:** Success

<b>Use Case</b>	UA1.Sign-up
<b>Description</b>	User signs-up for accounts and succeeds
<b>Actors</b>	Users
<b>Assumptions</b>	User is not logged in
<b>Steps</b>	<ol style="list-style-type: none"> <li>1. User clicks sign-up</li> <li>2. User is redirected to sign-in page</li> <li>3. User fills-in requested information</li> <li>4. User clicks submit</li> <li>5. User is redirected to landing page</li> <li>6. System flashes message verifying account creation</li> </ol>
<b>Variations</b>	<ul style="list-style-type: none"> <li>• During step 3, account type chosen varies among: Student, TA, Faculty, &amp; Admin</li> <li>• During step 3, if password &amp; 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.</li> <li>• 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.</li> </ul>
<b>Issues/Notes</b>	None

<b>Use Case</b>	UA2.Sign out
<b>Description</b>	User signs out of the system
<b>Actors</b>	User
<b>Assumptions</b>	User is logged in
<b>Steps</b>	<ol style="list-style-type: none"> <li>1. User clicks “Get me out of here!”</li> <li>2. User is redirected to the landing page</li> </ol>
<b>Variations</b>	None
<b>Issues/Notes</b>	None

<b>Use Case</b>	UA3.Sign-In
<b>Description</b>	The user has input his/her login information, and is logged in successfully
<b>Actors</b>	User
<b>Assumptions</b>	User has an account. User is not logged in.
<b>Steps</b>	<ol style="list-style-type: none"> <li>1. The user clicks the “Sign In” link</li> <li>2. User inputs login information</li> <li>3. User clicks “Sign In” button</li> <li>4. User is redirected to the home screen</li> <li>5. User sees “You have successfully signed in”</li> </ol>
<b>Variations</b>	<ul style="list-style-type: none"> <li>• Failed Signed In: <ol style="list-style-type: none"> <li>4a. User is redirected to the “Sign In” page</li> <li>4b. User sees “Sign In Unsuccessful”</li> </ol> </li> </ul>
<b>Issues/Notes</b>	None

Sample Use Case Template

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