

# **IskoExchange**

## **A Q&A Website for UP Students**

### **Use Case Specification**

Submitted to:

Asst. Prof. Ma. Rowena C. Solamo  
Faculty Member  
Department of Computer Science  
College of Engineering  
University of the Philippines, Diliman

Submitted by:  
Balingit, Ivan Carlo M.  
Cajaljal, Patricia Mae G.  
Tan, Luis Carlos B.

In partial fulfillment of academic requirements  
for the course  
CS 191 Software Engineering I  
of the  
1<sup>st</sup> Semester, AY <2017-2018 >

**Unique Reference:**

The documents are stored in the GitHub repository link: <https://github.com/ivanbalingit/IskoExchange>

**Document Purpose:**

This document contains the project's use cases and their scenarios. This includes the activity diagram, the conditions and other descriptions that are needed for the system.

**Target Audience:**

This document is made as partial fulfillment of academic requirements for the course CS 191 – Software Engineering I, handled by Prof. Ma. Rowena C. Solamo.

**Revision Control****History Revision:**

<b>Revision Date</b>	<b>Person Responsible</b>	<b>Version Number</b>	<b>Modification</b>
01/10/17	Tan, Luis Carlos	1.0	Initial Document;

**Use-Case Name:** 1.1 Sign-up

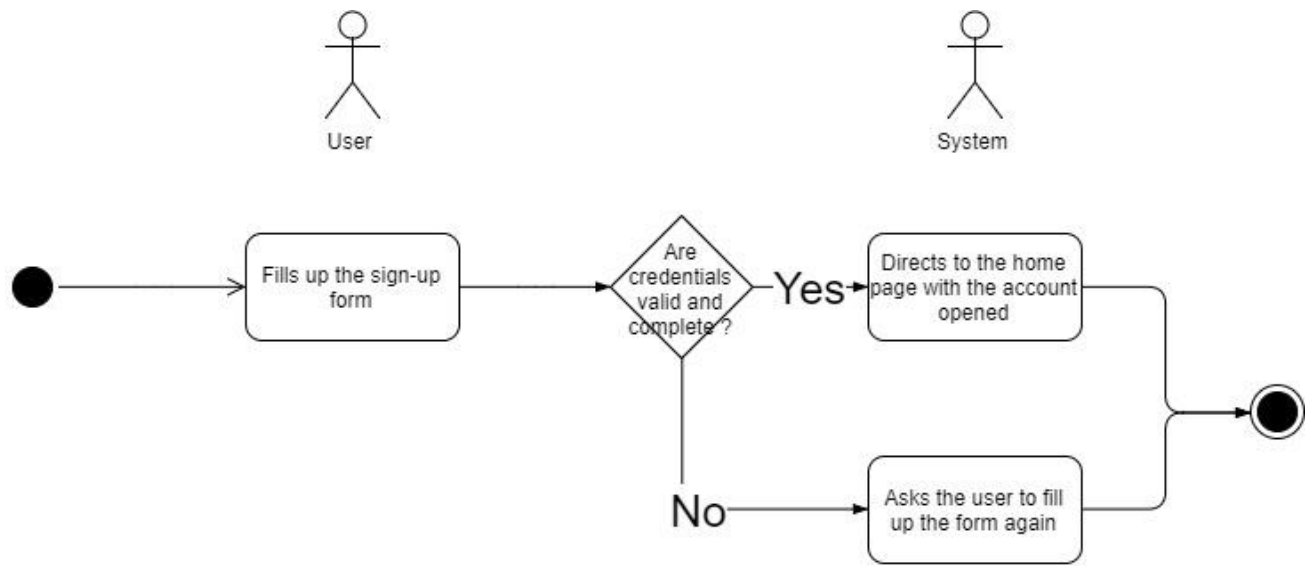
**Description:** It is a prerequisite for the users to have an account to fully use the website. If ever the user doesn't have or wants to create an account, he/she can sign up for one. The user just needs to fill up the necessary credentials and information to proceed with the creation of the account.

**Preconditions:** The website must be loaded-up.

**Flow of Events:**

<b>Scenario Name</b>	<b>Description</b>
Scenario 1 (Basic Flow) User successfully signs up	1. User opens the sign-up window 2. User completely fills up the necessary credentials and information 3. System accepts the credentials as valid 4. User is directed to the home page.
Scenario 2 User failed to sign up for an account	1. User opens the sign-up 2. User may or may not completely fills up the information needed. 3. System accepts the information given as invalid for the case that the account's credentials are taken or for missing fields. 4. Sign-up unsuccessful 5. System notifies the user and asks to sign-up again.

*Activity Diagram of the Flow of Events:*



*Postcondition:* If successful, the user is directed to the home page. If not, the user is still in the sign-up window.

*Relationships:* It is a requirement for the user to have an account to do anything with the website. All of the other use cases are dependent on this use-case. This use case is also extended to 1.0 Open an account which is why the similarities in the said use case document.

*Special Requirements:* None