UPCC
Use Case Specification

Submitted to:

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Unique Reference:

The documents are stored in the https://github.com/limciana/UPCC.

2.0 - Select curriculum: https://bit.ly/UPCCUseCaseSpecs2_0

Document Purpose:

This document's purpose is to give the possible scenarios, the description of each scenario, and what the user and developer could expect, when one will select a curriculum from UPCC.

Target Audience:

The target audience of this document are the developers who are interested in continuing and extending the project, users who are interested in how the system works, and the professor handling the course.

Revision Control

History Revision:

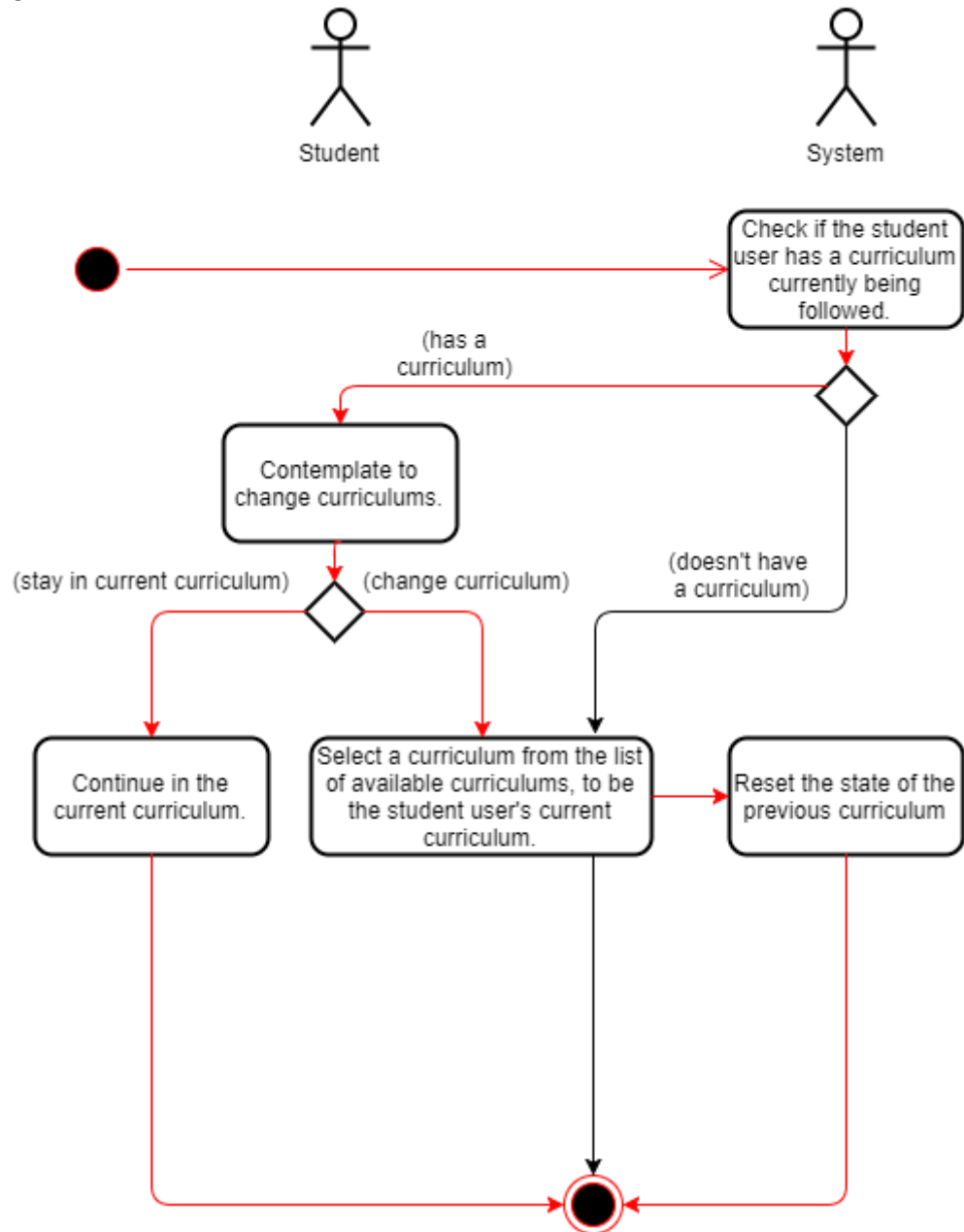| Revision Date	Person Responsible	Version Number	Modification
09/29/17	Ciana Lim	1.0	Initial Document.

Use-Case Name: 2.0 Select curriculum

Description: This use-case is the starting point for the Student actor to access the entire functionalities of the system, excluding functionalities that are only for administrators. This is where the Student selects the curriculum he/she is following. The Student can only select among the list of available curriculums.

Preconditions: The curriculum to be selected must exist in the system, in the list of available curriculums, and doesn't have any inputted data (i.e. inputted subjects passed, total number of units passed, etc.).

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) A new curriculum is selected, which is the first time the student user will select a curriculum.	1. The system checks if the student user currently has a curriculum that he/she is following. 2. If the student user doesn't have a curriculum that he/she is following, then the student user selects a curriculum from the list of available curriculums, which will become the student user's current curriculum.
Scenario 2 The current curriculum is changed to a new curriculum.	1. The system checks if the student user currently has a curriculum that he/she is following. 2. If the student user has a curriculum that he/she is following, then he/she has the option to change his/her current curriculum. 3. If the student user chooses to change his/her current curriculum, then the student user selects a new curriculum from the list of available curriculums, which will become the student user's current curriculum. 4. The system resets the state of the previous curriculum. It means that all the inputted subjects, total number of units passed, standing, and subjects that can be taken that are associated with the student user's previous curriculum from the system are reset back to the previous curriculum's original state..
Scenario 3 The current curriculum remains the same.	1. The system checks if the student user currently has a curriculum that he/she is following. 2. If the student user has a curriculum that he/she is following, then the he/she has the option to change his/her current curriculum. 3. If the student user chooses to stay in his/her current curriculum, then the current curriculum of the student user, and all the inputted subjects, total number of units passed, standing, and subjects that can be taken, remains the same.

Activity Diagram of the Flow of Events:

Student

System

Check if the student user has a curriculum currently being followed.

(has a curriculum)

Contemplate to change curriculums.

(doesn't have a curriculum)

(stay in current curriculum)

(change curriculum)

Continue in the current curriculum.

Select a curriculum from the list of available curriculums, to be the student user's current curriculum.

Reset the state of the previous curriculum

Postcondition: The curriculum selected is the curriculum the student user will follow and see, and will be the basis of all the other functionalities of the system.

Relationships: This-use case determines the use-cases "3.0 Input passed subjects", "3.1 Check if prerequisites/corequisites/rules for other subjects are satisfied", "4.0 View subjects that can be taken", and "5.0 View total units passed, and current standing".

Special Requirements:

The curriculum selected must be the curriculum the student user is following for his/her BS Computer Science degree.