UPCC
Use Case Specification

Submitted to:

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Unique Reference:

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

1.1 - Add curriculum: https://bit.ly/UPCCUseCaseSpecs1_1

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 add a curriculum to 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:

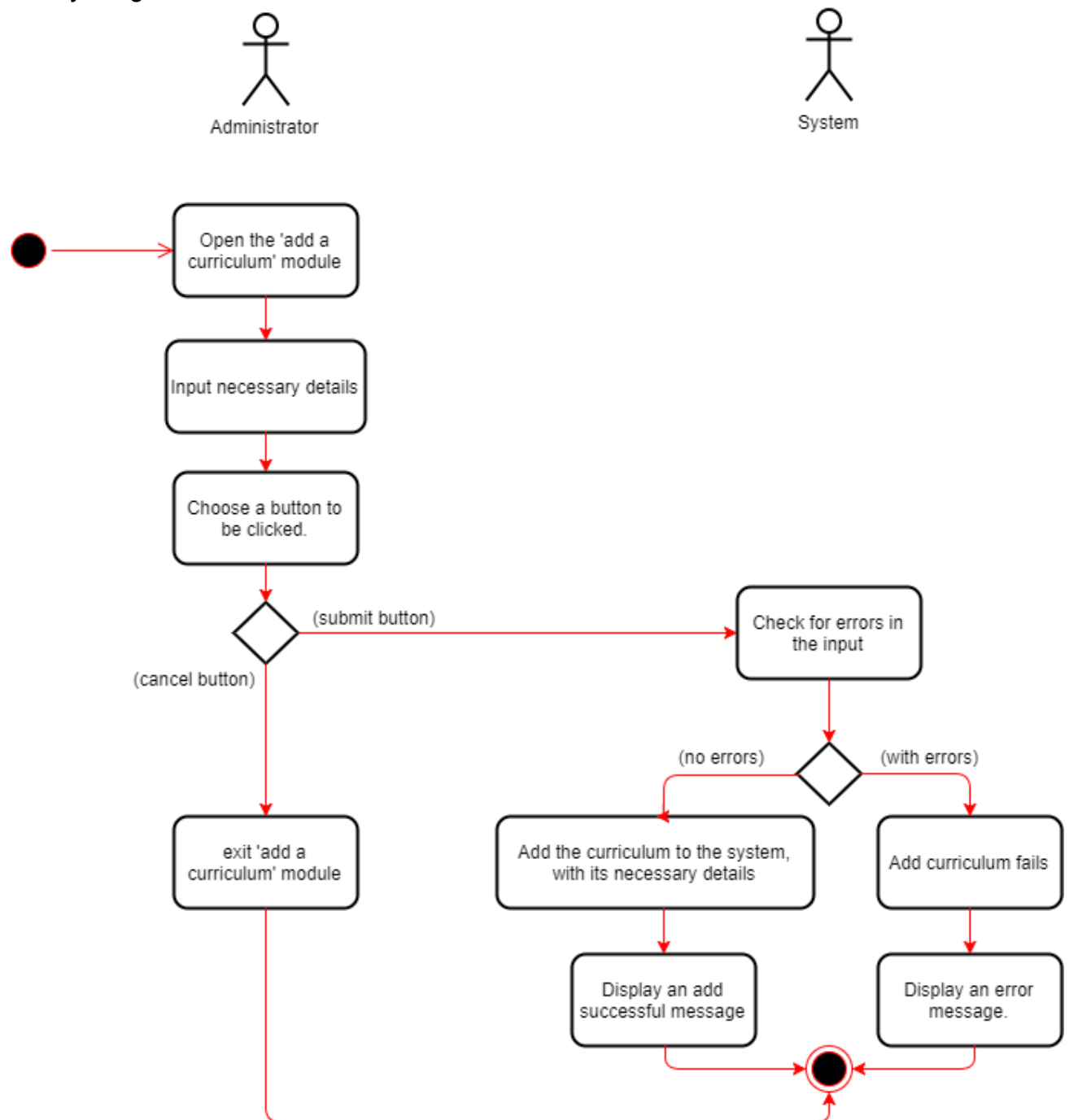| Revision Date	Person Responsible	Version Number	Modification
09/29/17	Ciana Lim	1.0	Initial Document.
10/13/17	Ciana Lim	2.0	Added scenarios, and made revisions to the activity diagram.
11/17/17	Ciana Lim	3.0	Modified the description for each of the scenarios to accommodate for the new parameters added, and made revisions to the activity diagram.

Use-Case Name: 1.1 Add curriculum

Description: This use-case adds a new version of the BS Computer Science program to the system, which the system recognizes as curriculums. This use-case is authorized for the use of administrators only. These added curriculums can later be chosen by the Student actor.

Preconditions: The administrator must be the actor accessing this use-case.

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) A curriculum is added.	1. The administrator opens the 'add a curriculum' module. 2. The administrator inputs the name of the curriculum, the number of units for each year under the curriculum, all the subjects in the curriculum, and each subject's prerequisites, corequisites, rules, and corresponding units. 3. If the administrator clicks the 'submit' button, the system will check for any errors in the input (i.e. duplicate subjects in the curriculum, curriculum name is not unique). 4. If there are no errors in the input, the system will add the curriculum, with its name and inputted subjects, and each subject's prerequisites, corequisites, rules, and corresponding units. 5. The system will display an 'add successful' message.
Scenario 2 A curriculum fails to be added.	1. The administrator opens the 'add a curriculum' module. 2. The administrator inputs the name of the curriculum, the number of units for each year under the curriculum, all the subjects in the curriculum, and each subject's prerequisites, corequisites, rules, and corresponding units. 3. If the administrator clicks the 'submit' button, the system will check for any errors in the input (i.e. duplicate subjects in the curriculum, curriculum name is not unique). 4. If there are errors in the input, the system will fail to add the curriculum. 5. The system will display an 'error message' to the administrator.
Scenario 3 The administrator cancels adding a curriculum.	1. The administrator opens the 'add a curriculum' module. 2. The administrator may or may not input the name of the curriculum, the number of units for each year under the curriculum, all the subjects in the curriculum, and each subject's prerequisites, corequisites, rules, and corresponding units. 3. If the administrator clicks the 'cancel' button, the system will not add the curriculum that was inputted.

Activity Diagram of the Flow of Events:

Administrator

System

Open the 'add a curriculum' module

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Input necessary details

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Choose a button to be clicked.

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◇ (submit button) → Check for errors in the input

(cancel button)

↓

exit 'add a curriculum' module

Check for errors in the input

↓

◇ (no errors) / (with errors)

(no errors) → Add the curriculum to the system, with its necessary details

(with errors) → Add curriculum fails

Add the curriculum to the system, with its necessary details → Display an add successful message

Add curriculum fails → Display an error message.

Postcondition: Either a new curriculum is added, or no curriculum is added.

Relationships: This use-case extends "1.0 Manage curriculums".

Special Requirements:

The curriculum to be added must be under the BS Computer Science program.
Only the administrator has access to this functionality.