UPCC
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:
Abaja, James Gabriel
Cruz, Rayven Ely
Lim, Ciana

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

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:

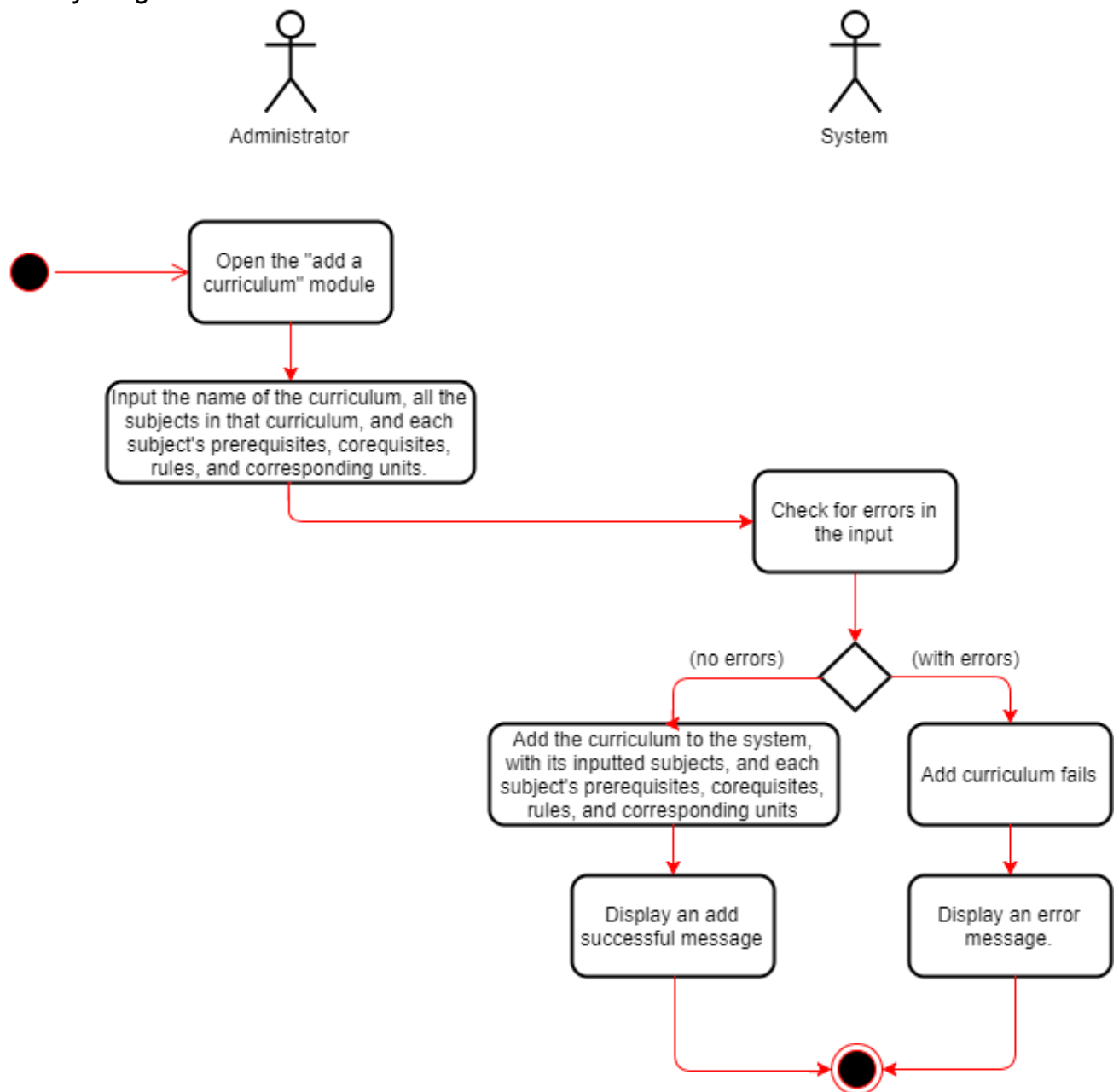| Revision Date	Person Responsible	Version Number	Modification
09/29/17	Ciana Lim	1.0	Initial Document.

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, all the subjects in the curriculum, and each subject's prerequisites, corequisites, rules, and corresponding units. 3. The system checks 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, all the subjects in the curriculum, and each subject's prerequisites, corequisites, rules, and corresponding units. 3. The system checks 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.

Activity Diagram of the Flow of Events:

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.