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. .

1.2 - Update curriculum: https://bit.ly/UPCCUseCaseSpecs1_2

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 update a curriculum in 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
10/10/17	James Abaja	1.0	Initial Document.
10/20/17	Ciana Lim	2.0	Added 3 scenarios to the use-case, edited the Flow of Events diagram, and added postconditions.

Use-Case Name: 1.2 Update curriculum

Description: This use-case is responsible for updating a specific curriculum. Under this use-case, one can add, edit and delete subjects in the curriculum specified. All functionalities under this use-case are only for administrators.
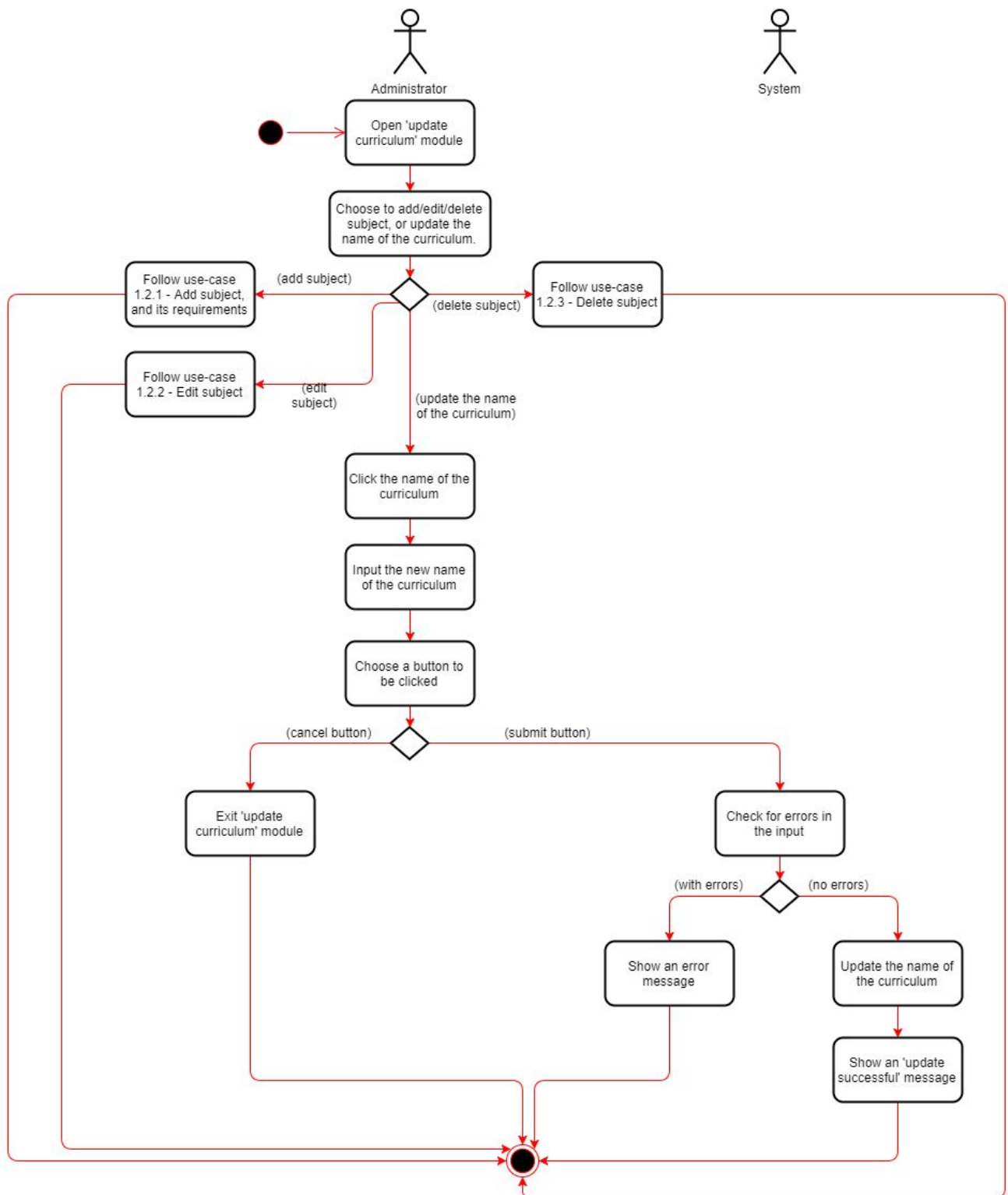
Preconditions: The actor must be an administrator for this use-case.

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) A subject was added in the curriculum	1. The administrator opens the 'update curriculum' module. 2. If the administrator chooses to add a subject to the curriculum, see https://bit.ly/UPCCUseCaseSpecs1_2_1 for the use-case specifications of use case '1.2.1 Add Subject' whenever a subject is added to the curriculum.
Scenario 2 A subject was edited in the curriculum.	1. The administrator opens the 'update curriculum' module. 2. If the administrator chooses to edit a subject from the curriculum, see https://bit.ly/UPCCUseCaseSpecs1_2_2 for the use-case specifications of use case '1.2.2 Edit Subject' whenever a subject is edited in the curriculum.
Scenario 3 A subject was deleted from the curriculum.	1. The administrator opens the 'update curriculum' module. 2. If the administrator chooses to delete a subject from the curriculum, see https://bit.ly/UPCCUseCaseSpecs1_2_3 for the use-case specifications of use case '1.2.3 Delete Subject' whenever a subject is deleted from the curriculum.
Scenario 4 The name of the curriculum is updated.	1. The administrator opens the 'update curriculum' module. 2. If the administrator chooses to change the name of the curriculum, the administrator clicks the name of the curriculum. 3. The administrator inputs the new name of the curriculum. 4. The administrator clicks the 'submit' button. 5. The system checks if there are errors in the input (i.e. duplicate curriculum name with an existing curriculum). 6. If there are no errors in the input, the system updates the name of the curriculum, and show the user an 'update successful' message.
Scenario 5 The name of the curriculum fails to be edited due to errors in the input.	1. The administrator opens the 'update curriculum' module. 2. If the administrator chooses to change the name of the curriculum, the administrator clicks the name of the curriculum. 2. The administrator inputs the new name of the curriculum. 3. The administrator clicks the 'submit' button. 4. The system checks if there are errors in the input (i.e. duplicate curriculum name with an existing curriculum). 5. If there are errors in the input, the system will display an error message, and won't change the name of the curriculum.

Scenario 6	1. The administrator opens the 'update curriculum' module.
The administrator cancels updating the curriculum.	2. The administrator may or may not have inputted a new name for the the curriculum.
	3. The administrator clicks the 'cancel' button.
	4. The system exits the 'update curriculum' module, and doesn't save the administrator's input to the system.

Activity Diagram of the Flow of Events:

Postcondition: A subject is either added to, edited in or deleted from the curriculum. The curriculum's name is either updated, or stays the same.

Relationships: This use case is extended by use cases '1.2.1 Add subject, and its requirements', '1.2.2 Edit subject', and '1.2.3 Delete subject'.

Special Requirements:

The curriculum to be updated must exist.
The subjects must be part of the BS Computer Science program.
Only the administrator has access to these functionalities.