UPCC
Use Case Specification

Submitted to:

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Unique Reference:

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

3.1 – Check if requirements for other subjects are satisfied: https://bit.ly/UPCCUseCaseSpecs3_1v2

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 the system checks if the requirements for other subjects are satisfied.

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
10/09/17	Rayven Ely Cruz	1.0	Initial Document.
10/10/17	Rayven Ely Cruz	1.1	Formatting
10/20/17	Ciana Lim	2.0	Edited the name of the use-case.

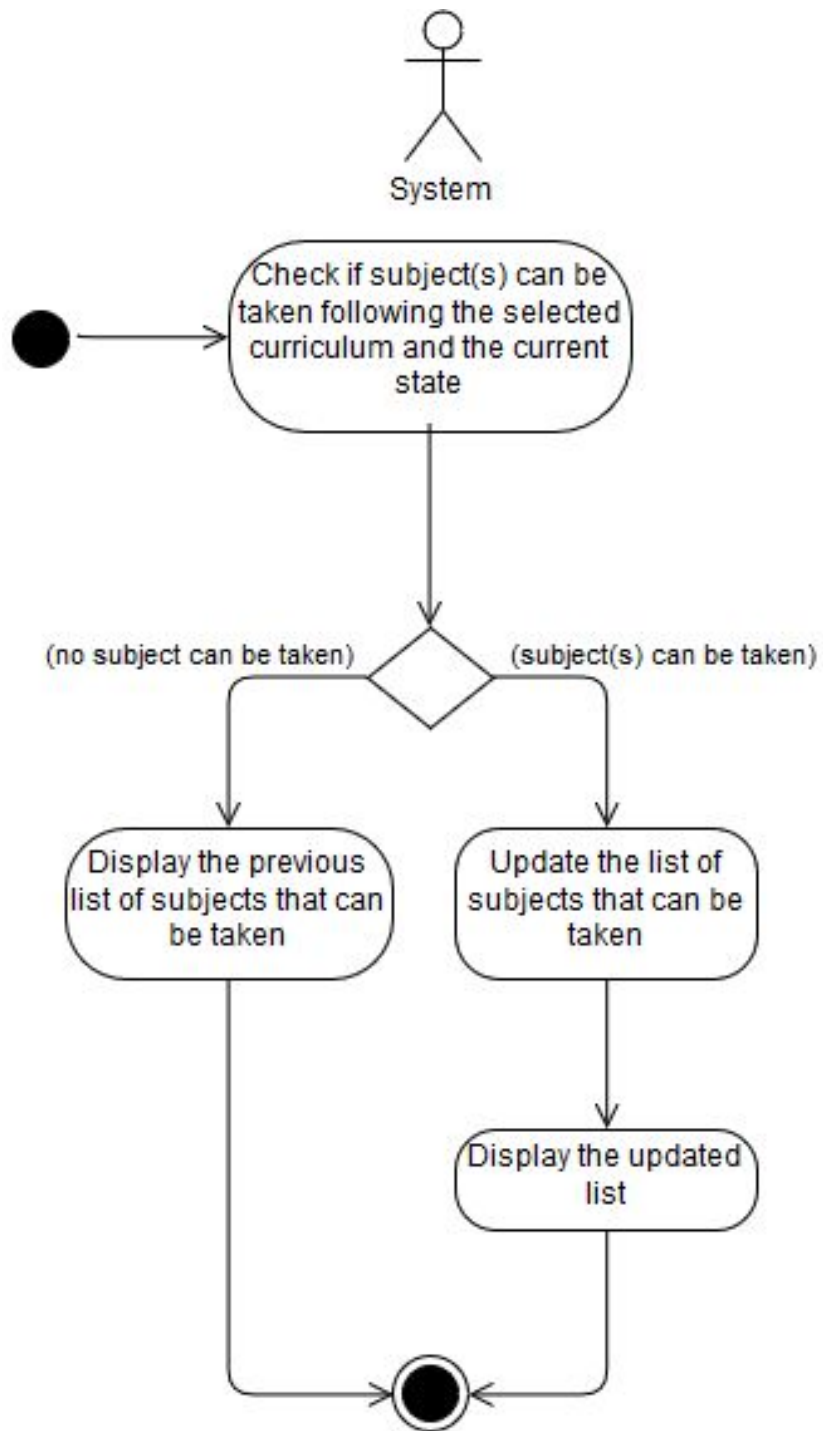*Use-Case Name*:   3.1 Check if requirements for other subjects are satisfied

Description: This use-case is responsible for checking if the Student actor satisfies the prerequisites, corequisites, and rules of the subjects in the curriculum. These are needed in order to determine if the Student can take certain subjects. These conditions are specified by the curriculum selected, and they are checked using the subjects passed by the Student.

Preconditions: The subject must be input through use-case 3.0 Input passed subjects. The user must also have already selected a curriculum.

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) The subject was input through use-case 3.0 and it satisfied other subjects' requirements.	1. The system updates the list of subjects that can be taken which prerequisites, corequisites, and rules specified by the selected curriculum are satisfied by the current state. The current state includes the subjects input, standing, and units taken by the student. 2. The system displays the updated list.
Scenario 2 The subject was input through use-case 3.0 and it did not satisfy any other subjects' requirements.	1. The system displays the same list of subjects from previous inputs.

Activity Diagram of the Flow of Events:

System

Check if subject(s) can be taken following the selected curriculum and the current state

(no subject can be taken)   (subject(s) can be taken)

Display the previous list of subjects that can be taken

Update the list of subjects that can be taken

Display the updated list

Postcondition: The list of subjects that can be taken is updated according to the specified curriculum.

Relationships: This use-case uses the inputs in use-case 3.0. This use-case also determines the subjects that can be taken displayed in use-case 4.0.

Special Requirements:
   NONE