

# **UPCC**

## **Use Case Specification**

Submitted to:

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CS 191 Software Engineering I  
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### **Unique Reference:**

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

3.0 – Input subjects passed: [https://bit.ly/UPCCUseCaseSpecs3\\_0](https://bit.ly/UPCCUseCaseSpecs3_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 the student inputs passed subjects 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:*

<b>Revision Date</b>	<b>Person Responsible</b>	<b>Version Number</b>	<b>Modification</b>
10/09/17	Rayven Ely Cruz	1.0	Initial Document.
10/10/17	Rayven Ely Cruz	1.1	Grammar, formatting
10/20/17	Ciana Lim	2.0	Modified the Activity diagram, and the description of Scenario 2.

**Use-Case Name:** 3.0 Input passed subjects

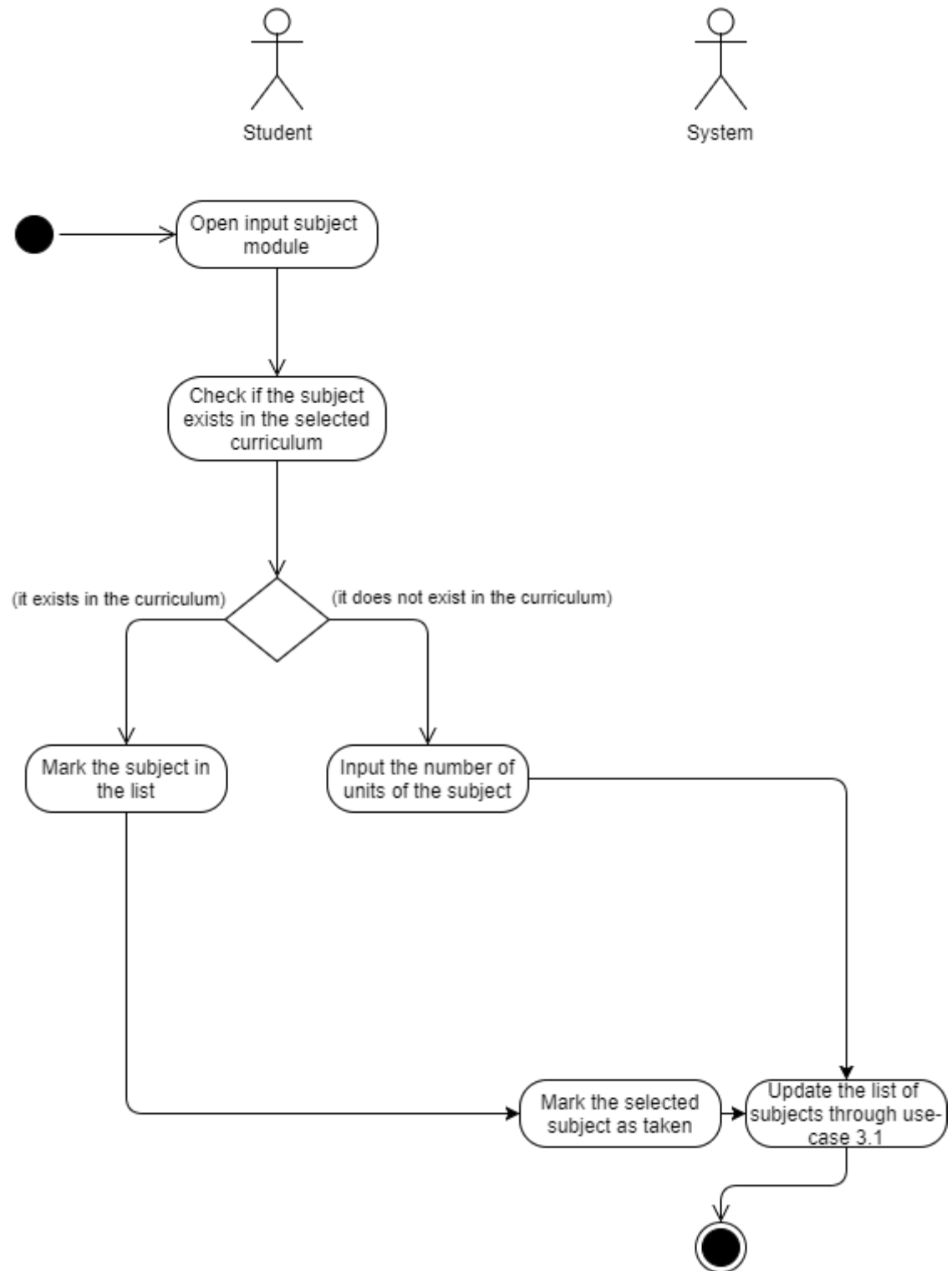
**Description:** This use-case is where the Student actor inputs his/her passed subjects, which the system uses to determine which other subjects can be taken by the Student. The Student cannot input a subject that he/she cannot take yet based on the rules specified by the curriculum he/she selected. The Student can only input subjects that are accepted by the selected curriculum.

**Preconditions:** The subject (or its equivalent) to be input must exist in the current curriculum. In case the subject does not exist, the number of units of that subject shall be used.

**Flow of Events:**

<b>Scenario Name</b>	<b>Description</b>
Scenario 1 (Basic Flow) A subject (or its equivalent), which exists in the selected curriculum, was input by the user.	<ol style="list-style-type: none"><li>1. The student opens the 'Input subject' module.</li><li>2. The student marks the subject from the list displayed by the selected curriculum.</li><li>3. The subject is marked as taken.</li><li>4. The system updates the list of displayed subjects by following use-case 3.1.</li></ol>
Scenario 2 A subject, which does not exist in the selected curriculum, was input by the user.	<ol style="list-style-type: none"><li>1. The student opens the 'Input subject' module.</li><li>2. The student inputs the number of units of the subject.</li><li>3. The system updates the list of displayed subjects by following use-case 3.1.</li></ol>

### Activity Diagram of the Flow of Events:



- Postcondition:*** The subjects that are input are marked as taken, or number of units for subjects which are not part of the curriculum are input, and the list of subjects that can be taken will be updated through use-case 3.1.
- Relationships:*** This use-case starts use-case 3.1. This use-case also determines the number of units the student currently has in use-case 5.0.
- Special Requirements:***  
The subjects to be input must exist or has an equivalent in the selected curriculum the student user is following for his/her BS Computer Science degree.