

# StudyUP

## Use Case Specification

Submitted to:

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for the course  
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***Unique Reference:***

The documents are stored in the [project repository](#), referenced with “StudyUP - Use Case No. 2 - Take Exam”.

***Document Purpose:***

The purpose of this document is to elaborate on the requirements of the project by defining the use case specifications of the use case model.

***Target Audience:***

The target audience are: Prof. Solamo, University of the Philippines Diliman Computer Science students, and anyone else interested in the development process of the StudyUP application.

***Revision Control:***

<b><i>Revision Date</i></b>	<b><i>Person Responsible</i></b>	<b><i>Version Number</i></b>	<b><i>Modification</i></b>
09/18/19	Roberto D. Principio Jr.	1.0	Initialized document
09/22/19	Roberto D. Principio Jr.	1.1	Flow of Events and Activity Diagram, Preconditions,
09/22/19	Karina Kylie L. Ang	1.2	Entity- Relationship Diagram
09/23/19	Karina Kylie L. Ang	1.3	Post conditions Relationships Special Requirements

**Use-Case Name:** 4.0 Take Exam

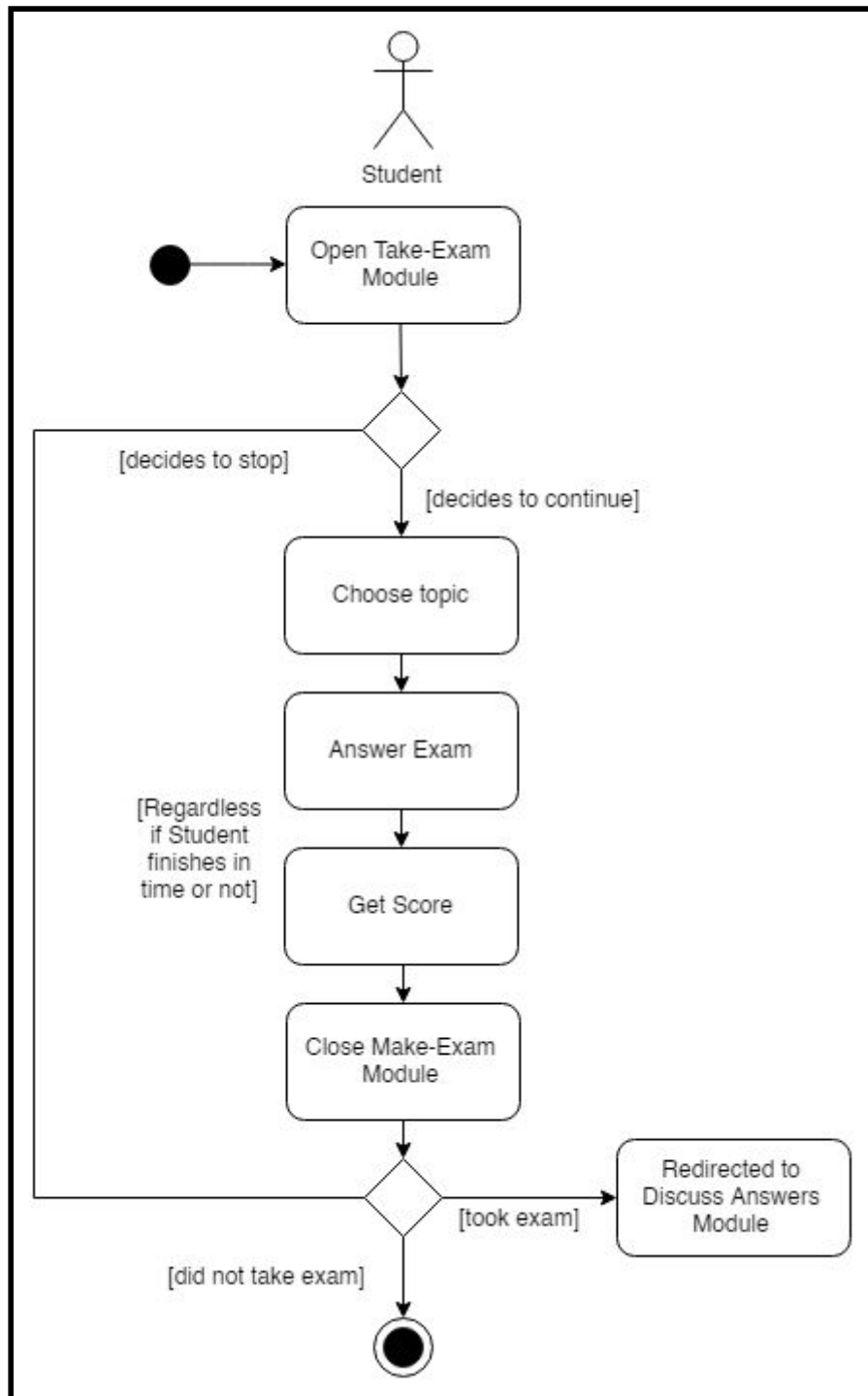
**Description:** The student can have the option to take a sample exam in order to gauge their skill in the subject. This will be timed similarly to the exam, and will have similar test types. After the exam, a score will be given to the student to grade their proficiency in the subject.

**Preconditions:** There must be an Exam that has been created by the moderator.

**Flow of Events:**

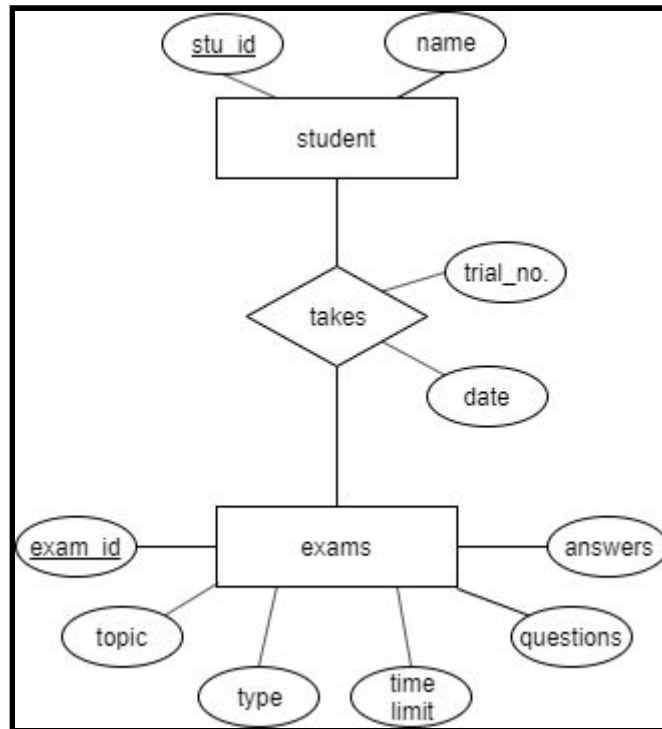
<i>Scenario Name</i>	<i>Description</i>
Scenario 1 (Basic Flow) Student finishes exam.	<ol style="list-style-type: none"><li>1. Student opens the Take Exam Module.</li><li>2. Student decides to continue to take an exam.</li><li>3. Student chooses which topic of the exam to take.</li><li>4. Student answers the exam.</li><li>5. Student finishes the exam.</li><li>6. System checks the student's answers.</li><li>7. System returns score, closes Take Exam Module, and redirects to the Discuss Answers Module.</li></ol>
Scenario 2 Student doesn't finish exam (time runs out).	<ol style="list-style-type: none"><li>1. Student opens the Take Exam Module.</li><li>2. Student decides to continue to take an exam.</li><li>3. Student chooses which topic of the exam to take.</li><li>4. Student answers the exam.</li><li>5. Student does not finish the exam and time has ran out.</li><li>6. System checks the student's answers.</li><li>7. System returns score, closes Take Exam Module, and redirects to the Discuss Answers Module.</li></ol>
Scenario 3 Student cancels exam.	<ol style="list-style-type: none"><li>1. Student opens the Take Exam module.</li><li>2. Student decides not to take an exam.</li><li>3. Student exits the Take Exam module.</li></ol>

*Activity Diagram of the Flow of Events:*



**Other Diagram:**

Entity-relationship Diagram



**Postcondition:**

Redirected to Discuss Answers Module if the student took the exam.

**Relationships:**

Take Exam

**Special Requirements:** Student must be logged in in order to take an exam.