

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. 1 - Make 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:

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

Use-Case Name: 1.0 Make Exam

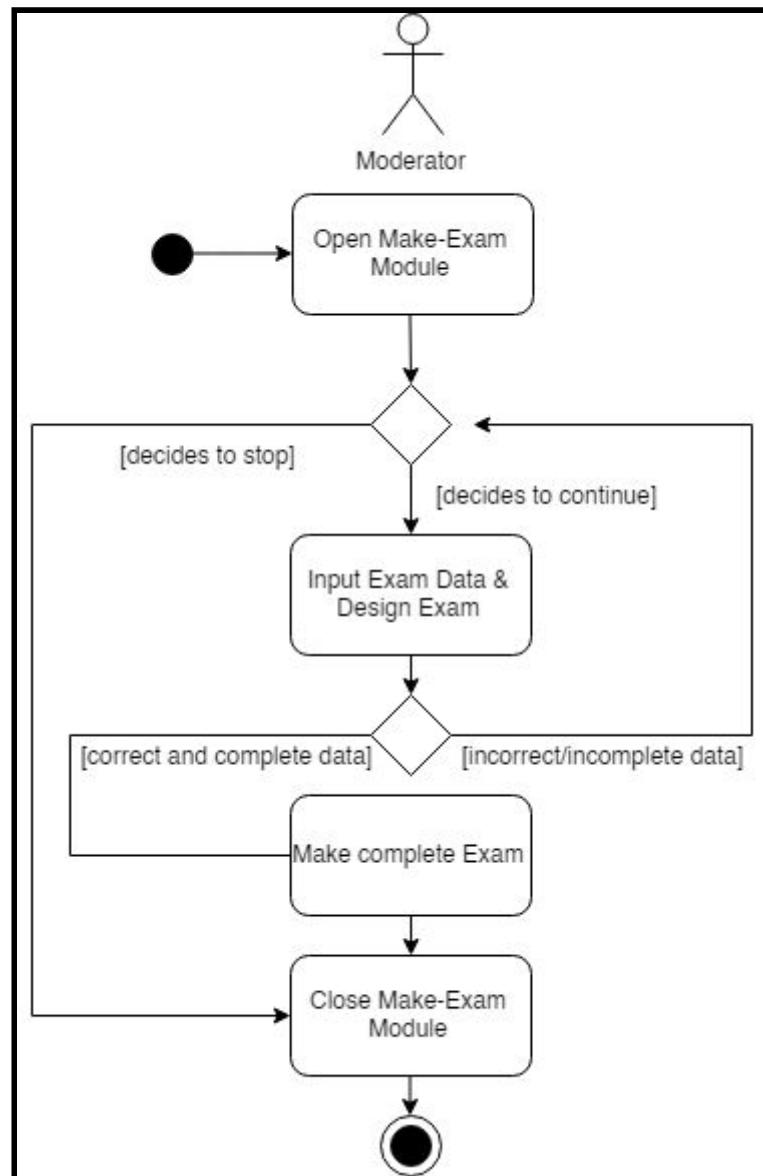
Description: The moderator can have the option of making a sample exam for the students. The moderator will be able to choose between different exam types (ex. multiple choice, true or false, etc). He or she will also be able to set a time limit on the exam length.

Preconditions: NONE.

Flow of Events:

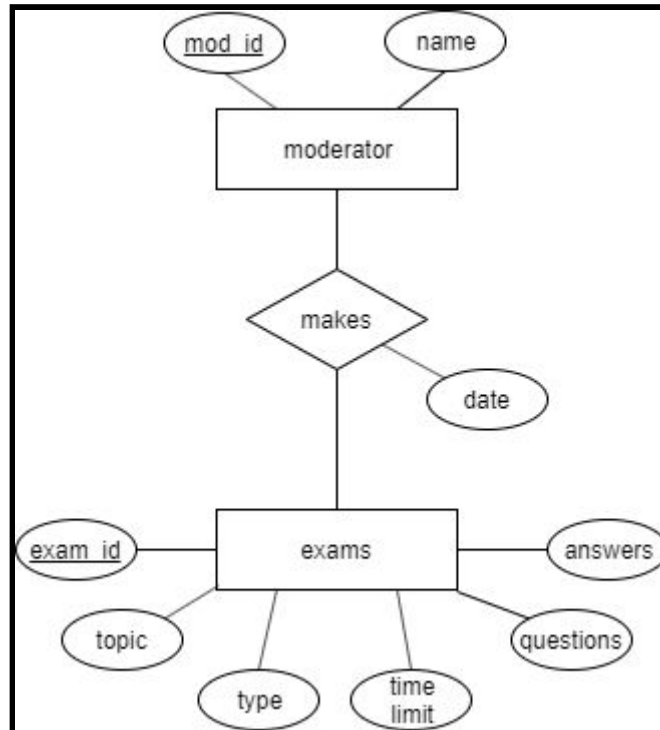
<i>Scenario Name</i>	<i>Description</i>
Scenario 1 (Basic Flow) Exam is successfully created.	1. Moderator opens the Make-Exam Module 2. Moderator decides to continue making an exam. 3. Moderator inputs data (Questions, Answers) and designs the test (Exam type, time limit, etc) 4. System checks and verifies the exam. 5. The exam is successfully created. 6. Moderator closes the Make-Exam Module.
Scenario 2 Exam is not successfully created.	1. Moderator opens the Make-Exam Module 2. Moderator decides to continue making an exam. 3. Moderator inputs data (Questions, Answers) and designs the test (Exam type, time limit, etc) 4. System checks and verifies the exam. 5. System prompts errors/mistakes the moderator made. 6. Moderator goes back to Step 2.
Scenario 3 Exam creation is cancelled.	1. Moderator opens the Make-Exam Module 2. Moderator decides not to make an exam. 3. Moderator close the Make-Exam Module

Activity Diagram of the Flow of Events:



Other Diagram:

Entity-relationship Diagram



Postcondition:

An Exam has been created and it may be answered by the students.

Relationships:

Make Exam

Special Requirements: The moderator must have the necessary resources (samplex with solutions) in order to make an Exam. Only the moderator can use the Make Exam module.