

## Use Cases :

<b>Use Case:</b>	SpecifyDirectories
<b>Primary Actor:</b>	Professor, Teaching Assistant Staff
<b>Goal in Context:</b>	To be able to specify the homework number and two or more directories that contains homework folders of two or more students for finding out potential case of plagiarism.
<b>Preconditions:</b>	Students have submitted their assignments and their directories are available locally.
<b>Trigger:</b>	The actor decides to select the homework number and directories for detecting plagiarism.
<b>Scenario:</b>	Professor/TA: Selects multiple directories. Professor/TA: Specifies homework number. Professor/TA: Clicks the submit button.
<b>Exceptions:</b>	<ol style="list-style-type: none"><li>1. Homework not submitted by the student: Inform the student to submit the homework in the correct folder.</li><li>2. Homework submitted in incorrect folder: Inform the student about to submit the homework in the correct folder.</li></ol>
<b>Priority:</b>	Essential, must be implemented
<b>When available:</b>	First increment
<b>Channel to actor:</b>	Desktop app
<b>Secondary Actor:</b>	Support staff
<b>Channels to Secondary Actors:</b>	Support staff – phone line or email

<b>Use Case:</b>	ViewSuspiciousSubmissionPairs
<b>Primary Actor:</b>	Professor, Teaching Assistant
<b>Goal in Context:</b>	To view the summary of the results generated by the plagiarism detector.
<b>Preconditions:</b>	The actor has specified the directories from which files are to be picked up for comparison.
<b>Trigger:</b>	The actor decides to check the submissions for plagiarism.
<b>Scenario:</b>	Professor/TA: uploads the directories of source files. Professor/TA: observes the view summary button and clicks it.
<b>Exceptions:</b>	1. Corrupted file: The files uploaded are corrupted. 2. Incorrect file format: The file format is not recognized by the system.
<b>Priority:</b>	Essential, must be implemented.
<b>When available:</b>	First increment
<b>Channel to actor:</b>	Desktop app
<b>Secondary Actor:</b>	Support Technicians
<b>Channels to Secondary Actors:</b>	Phone lines, Email

<b>Use Case:</b>	SaveReport
<b>Primary Actor:</b>	Professor, Teaching Assistant
<b>Goal in Context:</b>	To download the report of a possible case plagiarism.
<b>Preconditions:</b>	The actor has clicked on a suspicious submission pair and is able to see the snippets of similarity in code on screen.
<b>Trigger:</b>	The actor decides to generate and download a formal report of a possible case of plagiarism which can be presented to OSCCR.
<b>Scenario:</b>	Professor/TA: observes the snippets of code similarity. Professor/TA: clicks on the generate report button. Professor/TA: specifies a location to store the report on the system.
<b>Exceptions:</b>	1. There are no cases of plagiarism. 2. The summaries were not generated due to incorrect file format.
<b>Priority:</b>	Essential, must be implemented.
<b>When available:</b>	First increment
<b>Channel to actor:</b>	Desktop app
<b>Secondary Actor:</b>	Support Technicians
<b>Channels to Secondary Actors:</b>	Phone lines, Email
<b>Open Issues:</b>	What is the format of the report? What should be included in the report? Should the report be a pdf file?

<b>Use Case:</b>	RevealNames
<b>Primary Actor:</b>	Professor, Teaching Assistant
<b>Goal in Context:</b>	To reveal the names of the pair of students whose code snippets are being reviewed by the actor for plagiarism.
<b>Preconditions:</b>	The actor has clicked on a suspicious submission pair and is able to see the snippets of similarity in code on screen.
<b>Trigger:</b>	The actor decides to reveal the names of the student pair whose code snippet has been generated.
<b>Scenario:</b>	Professor: observes the snippets of code similarity. Professor: clicks on the reveal names button.
<b>Exceptions:</b>	1. There are no cases of plagiarism. 2. The summaries were not generated due to incorrect file format.
<b>Priority:</b>	Essential, must be implemented.
<b>When available:</b>	First increment
<b>Channel to actor:</b>	Desktop app
<b>Secondary Actor:</b>	Support Technicians
<b>Channels to Secondary Actors:</b>	Phone lines, Email

<b>Use Case:</b>	EmailReport
<b>Primary Actor:</b>	Professor, Teaching Assistant
<b>Goal in Context:</b>	To email the possible case of plagiarism at hand to either the professor or OSCCR.
<b>Preconditions:</b>	The actor has clicked on a suspicious submission pair and is able to see the snippets of similarity in code on screen.
<b>Trigger:</b>	The actor decides to email the possible case of plagiarism to either professor or OSCCR.
<b>Scenario:</b>	Professor/TA: observes the snippets of code similarity. Professor/TA: clicks on the email.
<b>Exceptions:</b>	3. There are no cases of plagiarism. 4. The summaries were not generated due to incorrect file format.
<b>Priority:</b>	Essential, must be implemented.
<b>When available:</b>	First increment
<b>Channel to actor:</b>	Desktop app
<b>Secondary Actor:</b>	Support Technicians
<b>Channels to Secondary Actors:</b>	Phone lines, Email

<b>Use Case:</b>	EnterCredentials
------------------	------------------

<b>Primary Actor:</b>	Professor, Teaching Assistant
<b>Goal in Context:</b>	To reveal the names of the pair of students whose code snippets are being reviewed by the actor for plagiarism, he/she has to enter his credentials.
<b>Preconditions:</b>	The actor has clicked on a suspicious submission pair and is able to see the snippets of similarity in code on screen. The actor has clicked on reveal names button.
<b>Trigger:</b>	The actor decides to reveal the names of the student pair whose code snippet has been generated.
<b>Scenario:</b>	Professor: observes the snippets of code similarity. Professor: clicks on the reveal names button. Professor: Enters his credentials.
<b>Exceptions:</b>	1. There are no cases of plagiarism. 2. The summaries were not generated due to incorrect file format.
<b>Priority:</b>	Essential, must be implemented.
<b>When available:</b>	First increment
<b>Channel to actor:</b>	Desktop app
<b>Secondary Actor:</b>	Support Technicians
<b>Channels to Secondary Actors:</b>	Phone lines, Email