

USE CASES

1)

Use Case:	User Login
Primary Actor:	Instructor, Student and Admin
Goal in Context:	To access the system
Preconditions:	User needs to have valid credentials to log in
Trigger:	User wants to perform functions that the system allows
Scenario:	<ol style="list-style-type: none"> 1. The user opens the URL in a web browser 2. The user enters a valid email id 3. The user enters a valid password 4. The user selects log in button 5. The user is successfully logged in to the system
Exceptions:	<ol style="list-style-type: none"> 1. User log in fails as user is not already registered <ul style="list-style-type: none"> • See use-case "User Registration" 2. User log in fails due to null/ incorrect credentials <ul style="list-style-type: none"> • An appropriate error message is displayed in red to guide the user 3. User log in fails as user has forgotten password <ul style="list-style-type: none"> • See use-case "Forgot Password"

2)

Use Case:	User Registration
Primary Actor:	Instructor and Student
Goal in Context:	To register as an user to the system
Preconditions:	User is not already registered
Trigger:	User wants to be registered to use the system
Scenario:	<ol style="list-style-type: none"> 1. The user opens the URL of the system in a web browser 2. The user enters a first name and last name 3. The user enters a valid email id 4. The user enters a password 5. The user confirms the entered password 6. The user hits the register button 7. A success message in green appears atop
Exceptions:	<ol style="list-style-type: none"> 1. User registration fails as user is already registered <ul style="list-style-type: none"> • See use-case "User Login" 2. User registration fails as user has entered an incorrect email id <ul style="list-style-type: none"> • Appropriate error message is displayed in red to guide the user 3. User registration fails as password is not confirmed <ul style="list-style-type: none"> • Appropriate error message is displayed in red to guide the user

	4. User registration fails as all required fields are not filled <ul style="list-style-type: none"> Validation errors are displayed in the screen to guide the user
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3)

Use Case:	Add Course
Primary Actor:	Instructor
Goal in Context:	Instructor wants to create a new course in the system
Preconditions:	Instructor has valid login credential to access the system
Trigger:	Instructor wants to create a new course for the students
Scenario:	<ol style="list-style-type: none"> Instructor logs in to the system Instructor clicks the add courses option Instructor enters a course title Instructor enters a course number Instructor selects a semester to which the new course needs to be added Instructor selects submit button The new course added to the system appears in the courses list on the left and bottom of the screen
Exceptions:	<ol style="list-style-type: none"> Course addition fails as required fields are not provided <ul style="list-style-type: none"> Validation errors are displayed in red in the screen

4)

Use Case:	Edit Course
Primary Actor:	Instructor
Goal in Context:	Instructor wants to update an existing course in the system
Preconditions:	<ol style="list-style-type: none"> Instructor has valid login credential to access the system Instructor has already created the course in the system
Trigger:	Instructor wants to update an existing course
Scenario:	<ol style="list-style-type: none"> Instructor logs in to the system Instructor is able to see the course in dashboard Instructor clicks the edit button for that course Instructor is able to see the editable textboxes to edit Instructor might change course title Instructor might select a different semester Instructor clicks the submit button The course is updated and visible in course list
Exceptions:	<ol style="list-style-type: none"> Course updating fails as required fields are not provided <ul style="list-style-type: none"> Validation errors are displayed in red in the screen

5)

Use Case:	Delete Course
Primary Actor:	Instructor
Goal in Context:	Instructor wants to delete an existing course from the system
Preconditions:	<ol style="list-style-type: none">1. Instructor has valid login credential to access the system2. Instructor has already created the course in the system
Trigger:	Instructor wants to remove an existing course from the system
Scenario:	<ol style="list-style-type: none">1. Instructor logs in the system using valid credentials2. Instructor is able to see the course in the dashboard3. Instructor clicks the delete button appearing to the right of the course4. An alert pops up to get user confirmation to delete the course5. Instructor selects okay button6. The course is removed from the course list instantly
Exceptions:	<ol style="list-style-type: none">1. The course is not deleted from the system<ul style="list-style-type: none">• Instructors cancels course deletion

6)

Use Case:	Add Assignment
Primary Actor:	Instructor
Goal in Context:	Instructor wants to create a new assignment in the system
Preconditions:	<ol style="list-style-type: none">1. Instructor has valid login credential to access the system2. Instructor has already added a course in the system
Trigger:	Instructor wants to create a new assignment to a course
Scenario:	<ol style="list-style-type: none">1. Instructor logs in to the system using valid credentials2. Instructor is able to see the course in the dashboard3. Instructor selects the intended course from the course list4. Instructor clicks on new assignment button5. An empty form appears for the instructor to create a new assignment6. Instructor enters the assignment name7. Instructor enters the assignment description8. Instructor selects a due date for the assignment9. Instructor selects a language for the assignment10. Instructor clicks on create button11. The newly created assignment appears in the assignment list for that course
Exceptions:	<ol style="list-style-type: none">1. Assignment addition fails as required fields are not provided<ul style="list-style-type: none">• Validation errors are displayed in red in the screen2. Assignment addition fails as instructor discards creation

7)

Use Case:	Edit Assignment
Primary Actor:	Instructor
Goal in Context:	Instructor wants to update an existing assignment in the system
Preconditions:	<ol style="list-style-type: none"> 1. Instructor has valid login credential to access the system 2. Instructor has already added a course in the system 3. Instructor has already added the assignment to that course
Trigger:	Instructor wants to update an existing assignment to a course
Scenario:	<ol style="list-style-type: none"> 1. Instructor logs in to the system using valid credentials 2. Instructor is able to see the course in the dashboard 3. Instructor selects the intended course from the course list 4. Instructor is able to see the assignment that needs to be updated 5. Instructor clicks the edit 6. Instructor is able to see editable controls in the screen 7. Instructor might change the assignment name 8. Instructor clicks on submit 9. Instructor is able to see the assignment edited in the assignment list
Exceptions:	<ol style="list-style-type: none"> 1. Assignment editing fails as required fields are not entered <ul style="list-style-type: none"> • Validation errors are displayed in red in the screen 2. Assignment updating fails as instructor discards updating

8)

Use Case:	Delete Assignment
Primary Actor:	Instructor
Goal in Context:	Instructor wants to delete an existing assignment in the system
Preconditions:	<ol style="list-style-type: none"> 1. Instructor has valid login credential to access the system 2. Instructor has already added a course in the system 3. Instructor has already added the assignment to that course
Trigger:	Instructor wants to delete an existing assignment to a course
Scenario:	<ol style="list-style-type: none"> 1. Instructor logs in to the system using valid credentials 2. Instructor is able to see the course in the dashboard 3. Instructor selects the intended course from the course list 4. Instructor is able to see the assignment that needs to be deleted 5. Instructor selects delete 6. A pop up appears on the screen asking for confirmation 7. Instructor confirms deletion 8. The deleted assignment is no more visible in the assignment list
Exceptions:	<ol style="list-style-type: none"> 1. Assignment deletion fails <ul style="list-style-type: none"> • Some constraints prohibit assignment deletion 2. Assignment deletion fails as instructor discards deletion

9)

Use Case:	Register for Course
Primary Actor:	Student
Goal in Context:	Student registers for a course using the system
Preconditions:	<ol style="list-style-type: none">1. Student has valid login credentials to access the system2. Courses are already available in the system for the student to register
Trigger:	A new student wants to register to a course to be able to make submissions for assignments in the system
Scenario:	<ol style="list-style-type: none">1. Student logs in the system using valid credentials2. Student is allowed access to the system3. Student selects join/drop courses option4. Student is able to see option for selecting semester5. Student selects a semester6. All courses offered and unregistered for the semester appears in unregistered course list7. Student selects join option8. The selected course is added instantly to the registered courses list and no longer available in the unregistered course list
Exceptions:	<ol style="list-style-type: none">1. Student is unable to register a course<ul style="list-style-type: none">• System asks student to contact the instructor

10)

Use Case:	Drop Course
Primary Actor:	Student
Goal in Context:	Student drops an registered course using the system
Preconditions:	<ol style="list-style-type: none">1. Student has valid login credentials to access the system2. Student has already registered the course in the system
Trigger:	A student wants to drop an existing course
Scenario:	<ol style="list-style-type: none">1. Student logs in the system using valid credentials2. Student is allowed access to the system3. Student is able to see the course in his/her course list4. Student selects join/drop courses5. Student selects the semester6. Student is able to see the course in registered course list and a drop option7. Student selects drop option8. The course is removed from the registered course list at once and now appears in the unregistered course list with a join option
Exceptions:	<ol style="list-style-type: none">1. Student is unable to drop a course<ul style="list-style-type: none">• System asks student to contact the instructor

11)

Use Case:	Submit Assignment
Primary Actor:	Student
Goal in Context:	To make submissions for individual assignments using the system
Preconditions:	<ol style="list-style-type: none"> 1. Student has valid login credentials to access the system 2. Student has already registered the course in the system 3. An assignment is already added to the course in the system
Trigger:	Student wants to submit an assignment for a course
Scenario:	<ol style="list-style-type: none"> 1. Student logs in to the system using valid credentials 2. Student is able to see courses registered in course list 3. Student selects an intended course to view all assignments for that course 4. Student is able to view assignments added to that course 5. Student select the assignment 6. Student is able to see upload options and details for the assignment 7. Student is able to upload one/multiple files from his/her computer 8. File name/number of files appears in the screen 9. Students selects submit option 10. A prompt pops up asking for student confirmation 11. Student confirms upload 12. Submission is made successfully, and a success message appears atop
Exceptions:	<ol style="list-style-type: none"> 1. Student is not able to upload files <ul style="list-style-type: none"> • The student does not have files of specified type for the assignment to be uploaded 2. Upload submission fails <ul style="list-style-type: none"> • A runtime exception might have occurred

12)

Use Case:	Run Plagiarism
Primary Actor:	System
Goal in Context:	To detect plagiarism in the submissions made by the students
Preconditions:	<ol style="list-style-type: none"> 1. At least one course is created in the system 2. At least one assignment is created for that course 3. At least two students have made their submissions for that assignment
Trigger:	A student has recently uploaded submission files for an assignment
Scenario:	<ol style="list-style-type: none"> 1. Multiple students log in 2. Multiple students submit files for the same assignment
Exceptions:	<ol style="list-style-type: none"> 1. Plagiarism check does not run due to empty /single file <ul style="list-style-type: none"> • System waits for other students to upload submissions

13)

Use Case:	Generate Reports
Primary Actor:	System
Goal in Context:	To generate reports on plagiarism detected in the submissions made by the students
Preconditions:	<ol style="list-style-type: none"> 1. At least one course is created in the system 2. At least one assignment is created for that course 3. At least two students have made their submissions for that assignment 4. The system has finished running plagiarism check on the submissions 5. The system has detected plagiarism in the submissions
Trigger:	The system has recently detected plagiarism and wants to generate a report on the same
Scenario:	<ol style="list-style-type: none"> 1. Multiple students log in 2. Multiple students submit files for the same assignment 3. The system runs plagiarism check on submissions 4. The system detects plagiarism in these submissions 5. Reports are generated on the plagiarism detected
Exceptions:	None

14)

Use Case:	Send Email
Primary Actor:	System
Goal in Context:	To send emails to faculties and/or involved students, about plagiarism detected
Preconditions:	<ol style="list-style-type: none"> 1. At least one course is created in the system 2. At least one assignment is created for that course 3. At least two students have made their submissions for that assignment 4. The system has run plagiarism check and detected plagiarism
Trigger:	The system has recently detected plagiarism and wants to alert the faculties about that
Scenario:	<ol style="list-style-type: none"> 6. Multiple students log in 7. Multiple students submit files for the same assignment 8. The system runs plagiarism check on submissions 9. The system detects plagiarism in these submissions
Exceptions:	<ol style="list-style-type: none"> 1. Mail is not sent because of invalid email id

15)

Use Case:	View Plagiarism Report
Primary Actor:	Instructor
Goal in Context	To be able to view plagiarism details detected by the system in students' submissions
Preconditions:	<ol style="list-style-type: none"> 1. Instructor has valid credentials to access the system 2. Instructor has added course and assignments to courses in the system 3. Students have submitted to assignments created by the instructor 4. System has detected plagiarism in submissions and alerted the instructor by email/text
Trigger:	The system alerts the instructor about plagiarism in some submissions made by the students and prompted to log in to view the reports
Scenario:	<ol style="list-style-type: none"> 1. The Instructor logs in the system using valid credentials 2. The instructor is able to see courses and assignments he/she has created in the system 3. The instructor selects the course to view the assignment list 4. The instructor selects the assignment to see plagiarism reported by the system 5. The instructor is able to see a list of reports generated by the system including students involved, plagiarism percentage and view option 6. Instructor selects view option 7. Instructor is able to see line by line code similarity, plagiarism percentage, students involved, etc.
Exceptions:	<ol style="list-style-type: none"> 1. The instructor is not able to view reports <ul style="list-style-type: none"> • The system is slow rendering plagiarism reports

16)

Use Case:	Set Plagiarism Threshold
Primary Actor:	Instructor
Goal in Context:	To set a threshold percentage on the allowed similarity in student submissions before the system reports a case of plagiarism
Preconditions:	<ol style="list-style-type: none"> 1. Instructor has valid credentials to access the system 2. Instructor has added course and assignments to courses in the system 3. Students have submitted to assignments created by the instructor 4. System has detected plagiarism in submissions and alerted the instructor by email/text
Trigger:	The system alerts the instructor about plagiarism in some submissions made by the students and prompted to log in to view the reports
Scenario:	<ol style="list-style-type: none"> 1. The Instructor logs in the system using valid credentials

	<ol style="list-style-type: none"> The instructor is able to see courses and assignments he/she has created in the system The instructor selects the course to view the assignment list The instructor selects the assignment to see plagiarism reported by the system The instructor is able to see a list of reports generated by the system including students involved, plagiarism percentage and view option Instructor enters a threshold value Instructor submits the threshold value The system filters out all the report below that threshold value
Exceptions:	<ol style="list-style-type: none"> Plagiarism is not set as instructor enters null/invalid value <ul style="list-style-type: none"> Errors message appears asking the instructor to enter a valid value

17)

Use Case:	Create User
Primary Actor:	Admin
Goal in Context:	To create new users to the system
Preconditions:	Admin has valid credentials to access the system
Trigger:	Admin wants to create users of different roles in the system
Scenario:	<ol style="list-style-type: none"> Admin logs in to the system using valid credentials Admin is able to get access into the system Admin selects add a user option Admin is able to see an empty form to create new user Admin provides first name and last name Admin provides valid email address Admin provides password and confirms it User is successfully created, and a green success message appears atop
Exceptions:	<ol style="list-style-type: none"> User registration fails as user is already registered <ul style="list-style-type: none"> See use-case "User Login" User registration fails as admin has entered an incorrect email id <ul style="list-style-type: none"> Appropriate error message is displayed in red to guide the user User registration fails as password is not confirmed <ul style="list-style-type: none"> Appropriate error message is displayed in red to guide the user User registration fails as all required fields are not filled <ul style="list-style-type: none"> Validation errors are displayed in the screen to guide the user

18)

Use Case:	Update User
Primary Actor:	Admin
Goal in Context:	To update an existing user in the system
Preconditions:	<ol style="list-style-type: none">1. Admin has valid credentials to access the system2. Admin has already created the user in the system
Trigger:	Admin wants to update an existing user
Scenario:	<ol style="list-style-type: none">1. Admin logs in to the system using valid credentials2. Admin is able to get access into the system3. Admin is able to see the user he/she need to edit, in the user list4. Admin selects edit option beside the user5. An editable form appears prefilled with user data6. Admin might change the password for the user7. Admin might change the email id for the user8. Admin might change the role for the user9. Admin selects submit10. A prompt pops up for confirmation11. Admin confirms12. A success message is displayed atop, in green
Exceptions:	<ol style="list-style-type: none">1. Updating a user fails as entered email id is already available<ul style="list-style-type: none">• Appropriate error message is displayed in red2. Updating a user fails as required fields are missing<ul style="list-style-type: none">• Appropriate error message is displayed in red3. Updating a user fails as admin cancels out modifications

19)

Use Case:	Delete User
Primary Actor:	Admin
Goal in Context:	To remove an existing user in the system
Preconditions:	<ol style="list-style-type: none">1. Admin has valid credentials to access the system2. Admin has already created the user in the system
Trigger:	Admin wants to remove an existing user
Scenario:	<ol style="list-style-type: none">1. Admin logs in to the system using valid credentials2. Admin is able to get access into the system3. Admin is able to see the user he/she need to delete, in the user list4. Admin selects delete option beside the user5. A confirmation pops up appears asking for admin confirmation6. Admin confirms deletion7. The user is removed from the user list instantly
Exceptions:	<ol style="list-style-type: none">1. User deletion fails as the user is an admin

	<ul style="list-style-type: none"> • Appropriate error message is seen in red <p>2. User deletion fails as admin might not have confirmed deletion</p>
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20)

Use Case:	Set Current Semester
Primary Actor:	Admin
Goal in Context:	To be able to set a semester as current semester in the system
Preconditions:	<ol style="list-style-type: none"> 1. Admin has valid credentials to access the system 2. At least two semesters are available in the system
Trigger:	The admin wants to set a semester as the current semester
Scenario:	<ol style="list-style-type: none"> 1. Admin logs in to the system using valid credentials 2. Admin is able to get access into the system 3. Admin selects set current semester option 4. Admin is able to see a list of semesters present in the system 5. Admin selects a semester 6. Admin confirms the selection made 7. A success message in green appears atop
Exceptions:	None

21)

Use Case:	Share plagiarism report
Primary Actor:	Instructor
Goal of Context:	To share plagiarism reports among other faculties and involved students
Preconditions:	<ol style="list-style-type: none"> 1. Instructor has valid credentials to access the system 2. Instructor has added course and assignments to courses in the system 3. Students have submitted to assignments created by the instructor 4. System has detected plagiarism in submissions and alerted the instructor by email/text
Trigger:	Instructor wants to share the plagiarism reports with other course staffs and/or students
Scenario:	<ol style="list-style-type: none"> 1. The Instructor logs in the system using valid credentials 2. The instructor is able to see courses and assignments he/she has created in the system 3. The instructor selects the course to view the assignment list 4. The instructor selects the assignment to see plagiarism reported by the system 5. The instructor is able to see a list of reports generated by the system including students involved, plagiarism percentage and view option 6. Instructor selects view option

	<ol style="list-style-type: none"> 7. Instructor is able to see line by line code similarity, plagiarism percentage, students involved, etc. 8. Instructor selects option to share the report with other staff 9. Instructor is able to view a list of available course staff 10. Instructor selects a staff and selects share option 11. The report is successfully shared, and system displays a success message in green
Exceptions:	<ol style="list-style-type: none"> 1. Email is not sent as instructor provides an invalid mail id <ul style="list-style-type: none"> • Error message appears asking instructor to provide a valid email id
Priority:	Low
Status:	In progress

22)

Use Case:	Download Report
Primary Actor:	Instructor
Goal in Context:	To download a bunch of plagiarism reports from the system
Preconditions:	<ol style="list-style-type: none"> 1. Instructor has valid credentials to access the system 2. Instructor has added course and assignments to courses in the system 3. Students have submitted to assignments created by the instructor 4. System has detected plagiarism in submissions and alerted the instructor by email/text
Trigger:	The instructor wants to maintain an offline proof of plagiarism reported by the system
Scenario:	<ol style="list-style-type: none"> 1. The Instructor logs in the system using valid credentials 2. The instructor is able to see courses and assignments he/she has created in the system 3. The instructor selects the course to view the assignment list 4. The instructor selects the assignment to see plagiarism reported by the system 5. The instructor is able to a list of reports generated by the system including students involved, plagiarism percentage and view option 6. Instructor selects view option 7. Instructor is able to see line by line code similarity, plagiarism percentage, students involved, etc. 8. Instructor selects download option 9. The report is downloaded successfully to the local file system of the instructor
Exceptions:	<ol style="list-style-type: none"> 1. Download fails, might be interrupted by internet connectivity

	<ul style="list-style-type: none"> Error message is displayed saying “Check internet connectivity”
Priority:	Low
Status:	Not started

23)

Use Case:	Create Semester
Primary Actor:	Admin
Goal in Context:	To be able to create a semester in the system
Preconditions:	Admin has valid credentials to access the system
Trigger:	The admin wants to create a new semester in the system
Scenario:	<ol style="list-style-type: none"> Admin logs in to the system using valid credentials Admin is able to get access into the system Admin selects create semester option Admin is prompted to enter semester details Admin enters semester name Admin submits his/her response A success message in green appears atop saying semester is created
Exceptions:	<ol style="list-style-type: none"> Semester is not created as a duplicate semester already exists in the system <ul style="list-style-type: none"> Appropriate error message in red appears to guide the admin
Priority:	Medium
Status:	Not started

24)

Use Case:	Delete Semester
Primary Actor:	Admin
Goal in Context:	To be able to remove an existing semester from the system
Preconditions:	<ol style="list-style-type: none"> Admin has valid credentials to access the system The semester is already present in the system
Trigger:	The admin wants to remove an existing semester
Scenario:	<ol style="list-style-type: none"> Admin logs in to the system using valid credentials Admin is able to get access into the system Admin selects option to view a list of semesters present in the system Admin is able to see a list of semesters present in the system Admin selects delete option beside the intended semester A confirmation pops up for the admin Admin confirms deletion

	8. The semester is deleted successfully and removed from the semester list instantly
Exceptions:	1. Deletion is unsuccessful as admin cancels confirmation
Priority:	Low
Status:	Not started

25)

Use Case:	Forgot Password
Primary Actor:	Instructor, Student and Admin
Goal in Context:	To be able to recover credentials after a user has forgotten his/her password
Preconditions:	<ol style="list-style-type: none"> 1. The user is already registered in the system 2. The user has valid email id
Trigger:	Multiple attempts to log in to the system has failed and the user wants to recover his/her password
Scenario:	<ol style="list-style-type: none"> 1. The user enters a valid email id in user name field 2. The user selects forgot password option 3. A temporary password is sent to the user's registered mail id
Exceptions:	<ol style="list-style-type: none"> 1. Password recovery fails as user enters bull/invalid email id <ul style="list-style-type: none"> • Appropriate error message is displayed in red to guide the user
Priority:	Medium
Status:	Not started

26)

Use Case:	Ad-hoc Comparison
Primary Actor:	Instructor
Goal in Context:	To run a comparison-check manually in the system
Preconditions:	<ol style="list-style-type: none"> 1. Instructor has valid credentials to access the system 2. Instructor has added course and assignments to courses in the system 3. Students have submitted to assignments created by the instructor
Trigger:	Instructor suspects plagiarism in submissions and wants to run comparison manually
Scenario:	<ol style="list-style-type: none"> 1. The Instructor logs in the system using valid credentials 2. The instructor is able to see courses and assignments he/she has created in the system 3. The instructor selects the course to view the assignment list 4. The instructor selects the assignment to see a list of submissions made to that assignment 5. Instructor selects two submissions from the submission list 6. Instructor selects compare option

	7. Instructor is able to view a report created for those submissions
Exceptions:	1. Comparison fails as submission are of different file types <ul style="list-style-type: none"> • Appropriate error message is displayed for the instructor
Priority:	Low
Status:	Not started

27)

Use Case:	Freeze System
Primary Actor:	Admin
Goal in Context:	To be able to freeze system for maintenance activities
Preconditions:	The admin has valid credentials to access the system
Trigger:	Admin wants to freeze the system for a maintenance activity
Scenario:	<ol style="list-style-type: none"> 1. Admin logs in to the system using valid credentials 2. Admin selects option to freeze system 3. A confirmation pops up alerting the admin about the action 4. Admin confirms the freeze action 5. A success message is displayed in green 6. Only the admin is allowed to log in to the system
Exception:	None
Priority:	Low
Open Issues:	Not started

28)

Use Case:	Reset System
Primary Actor:	Admin
Goal in Context:	To be able to reset the system completely
Preconditions:	The admin has valid credentials to access the system
Trigger:	Admin wants to reset the system to its new and unused state
Scenario:	<ol style="list-style-type: none"> 1. Admin logs in to the system using valid credentials 2. Admin selects option to reset system 3. A confirmation pops up alerting the admin about the action 4. Admin confirms the reset action 5. A success message is displayed in green 6. The system returns to its original state and admin is the only user
Exception:	<ol style="list-style-type: none"> 1. Reset is interrupted due to some constraints <ul style="list-style-type: none"> • Appropriate error message appears to guide the admin
Priority:	Medium
Status:	Not started

29)

Use Case:	Compare between previous Semester
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Primary Actor:	Instructor
Goal in Context:	To allow an instructor to change the comparison strategy to happen between previous semesters
Preconditions:	<ol style="list-style-type: none"> 1. Instructor has valid credentials to access the system 2. Instructor has added course and assignments to courses in the system 3. Students have submitted to assignments created by the instructor 4. Courses and assignments are available for previous semesters 5. Students have added submissions in that previous semester
Trigger:	Instructors believes that students can submit materials from course works of previous semesters
Scenario:	<ol style="list-style-type: none"> 1. The Instructor logs in the system using valid credentials 2. The instructor is able to see courses and assignments he/she has created in the system 3. The instructor selects the course to view the assignment list 4. Instructor is able to view a list of semesters in the system 5. Instructor selects a semester 6. Instructor confirms selection 7. The system runs a plagiarism check on all the submission made in the current assignment submissions and previous semester as well 8. The system generates a report of the plagiarism check
Exception:	None
Priority:	Low
Status:	Not started

30)

Use Case:	Compare between same Courses
Primary Actor:	Instructor
Goal in Context:	To allow an instructor to change the comparison strategy to happen between same courses taught by different instructors
Preconditions:	<ol style="list-style-type: none"> 1. Instructor has valid credentials to access the system 2. Instructor has added course and assignments to courses in the system 3. Students have submitted to assignments created by the instructor 4. Courses and assignment are available taught by different instructor 5. Students have added submissions for that course
Trigger:	Instructors believes that students can submit materials from course works of students from same course taught by other instructors
Scenario:	<ol style="list-style-type: none"> 1. The Instructor logs in the system using valid credentials 2. The instructor is able to see courses and assignments he/she has created in the system

	<ol style="list-style-type: none"> 3. The instructor selects the course to view the assignment list 4. Instructor is able to view a list of same courses in the system 5. Instructor selects a course 6. Instructor confirms selection 7. The system runs a plagiarism check on all the submission made in the current assignment submissions and other course as well 8. The system generates a report of the plagiarism check
Exceptions:	None
Priority:	Medium
Status:	Not started

31)

Use Case:	Upload via GitHub
Primary Actor:	Student
Goal in Context:	To be able to submit an assignment by providing GitHub link
Preconditions:	<ol style="list-style-type: none"> 1. Student has valid login credentials to access the system 2. Student has already registered the course in the system 3. An assignment is already added to the course in the system 4. The student has a valid GitHub repository
Trigger:	The student wants to submit an assignment by providing his/her GitHub link
Scenario:	<ol style="list-style-type: none"> 1. Student logs in to the system using valid credentials 2. Student is able to see courses registered in course list 3. Student selects an intended course to view all assignments for that course 4. Student is able to view assignments added to that course 5. Student selects the assignment 6. Student is able to see an option to provide a GitHub link 7. Student provides a GitHub address and selects submit 8. Submission is made successfully, and a success message appears atop
Exceptions:	<ol style="list-style-type: none"> 1. Upload via GitHub fails as student has provided an invalid address <ul style="list-style-type: none"> • An error message in red appears asking the student to re-enter a valid GitHub address 2. Upload fails as system could not find the right folder <ul style="list-style-type: none"> • An error message appears asking student to create a valid folder for the assignment
Priority:	Medium
Status:	Not started