

Use cases specification

UC01-Grades Register	
Description	The user will be able to assign grades per module for each student.
Actors	Instructor
Functional Requirements	FR1- Assign Grades
User Cases asociated	None.
Preconditions	Existence of student list.
Postconditions	The system will save the assigned grade.
Exceptions	<p>The system won't save the grade if the user doesn't select the "modify" option.</p> <ol style="list-style-type: none"> 1. The user enters the platform. 2. The user logs in with user and password. 3. The user will see the menu where the "Generate constancies or reports" and "Record grades" options will be found. 4. The user selects the "Record grades" option. 5. The user selects the corresponding course or diploma. 6. The user selects the student. 7. The user assigns the grade. 8. The user doesn't select the "modify" option. 9. The exception happens, and the grade is not saved.

Normal Sequence UC01		
Step	Actor	Description
1	Instructor	The user enters the platform.
2	Instructor	The user logs in with user and password.
3	Instructor	The user will see the menu where the "Generate constancies or reports" and "Record grades" options will be found.
4	Instructor	The user selects the "Record grades" option.
5	Instructor	The user selects the corresponding course or diploma.
6	Instructor	The user selects the student.
7	Instructor	The user assigns the grade.

8	Instructor	The user selects the “modify” option.
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UC02- Edit grades	
Description	The user will be able to edit grades per module for each student.
Actors	Instructor
Functional Requirements	FR2- Grades edition.
User Cases asociated	UC01-Grades Register
Preconditions	Have a previously registered grade per student.
Postconditions	Save the grades changes.
Exceptions	<p>The system won't save the grade if the user doesn't select the “modify” option.</p> <ol style="list-style-type: none"> 1. The user enters the platform. 2. The user logs in with user and password. 3. The user will see the menu where the “Generate constancies or reports” and “Record grades” options will be found. 4. The user selects the “Record grades” option. 5. The user selects the corresponding course or diploma. 6. The user selects the student. 7. The user edits the grade. 8. The user doesn't select the “modify” option. 9. The exception happens, and the grade change is not saved.

Normal Sequence UC02		
Step	Actor	Description
1	Instructor	The user enters the platform.
2	Instructor	The user logs in with user and password.
2	Instructor	The user will see the menu where the “Generate constancies or reports” and “Record grades” options will be found.
3	Instructor	The user selects the “Record grades” option.
4	Instructor	The user selects the corresponding course or diploma.
5	Instructor	The user selects the student.
6	Instructor	The user edits the grade.

7	Instructor	The user selects the “modify” option.
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UC03- Information table	
Description	The user will be able to view the student’s grade in a table with their basic information.
Actors	Instructor
Functional Requirements	FR3- Table
User Cases asociated	UC01-Grades register UC02- Edit grades
Preconditions	Have a previously student’s register and grades recorded
Postconditions	View all the grades per student for each module.
Exceptions	<p>The system will show an empty table if there is not a previously student’s register and grades recorded.</p> <ol style="list-style-type: none"> 1. The user enters the platform. 2. The user logs in with user and password. 3. The user will see the menu where the “Generate constancies or reports” and “Record grades” options will be found. 4. The user selects the “Record grades” option. 5. The user selects the corresponding course or diploma. 6. The user selects the “Show table” option. 7. The exception happens, and the system shows an empty table.

Normal Sequence UC03		
Step	Actor	Description
1	Instructor	The user enters the platform.
2	Instructor	The user logs in with user and password.
2	Instructor	The user will see the menu where the “Generate constancies or reports” and “Record grades” options will be found.
3	Instructor	The user selects the “Record grades” option.

4	Instructor	The user selects the corresponding course or diploma.
5	Instructor	The user selects the “Show table” option.

UC04-Grades	
Description	The user will be able to view their grades.
Actors	Student
Functional Requirements	FR4- View grades
User Cases asociated	UC01-Grades register UC02- Edit grades
Preconditions	Have a previously student’s register and grades recorded.
Postconditions	The student type user will view their grades
Exceptions	<p>The student type user won’t be able to view their grades if they are not a previously a grades register.</p> <ol style="list-style-type: none"> 1. The user enters the platform. 2. The user logs in with user and password. 3. The user will write their assign tuition. 4. The user will select their corresponding diploma or course. 5. The user selects the “Search” option. 6. The exception happens, and the system shows a table without grades.

Normal Sequence UC04		
Step	Actor	Description
1	Instructor	The user enters the platform.
2	Instructor	The user logs in with user and password.
3	Instructor	The user will write their assign tuition.
4	Instructor	The user will select their corresponding diploma or course.
5	Instructor	The user selects the “Search” option.
6	Instructor	The system shows a table with grades.

UC05- Platform access.		
Description	The user will be able to log in to the platform with user and password.	
Actors	Instructor, student.	
Functional Requirements	FR5- Login	
User Cases asociated	None	
Preconditions	Have been registered in the data base.	
Postconditions	Have access to the platform.	
Exceptions	<div>The system won't allow the access to the user if there is not a previously register in the data base.</div> <div><ul style="list-style-type: none">○ The user enters the platform.○ The user logs in with user and password.○ The exception happens and the system won't allow the user in.</div>	
Normal Sequence UC06		
Step	Actor	Description
1	Instructor, student	The user enters the platform.
2	Instructor, student	The user logs in with user and password.
3	Instructor, student	the system will allow the user in.

UC06- Generate reports	
Description	The user will be able to generate and download reports.
Actors	Instructor
Functional Requirements	FR6- Generate Reports on PDF
User Cases asociated	UC01-Grades register UC02- Edit grades UC03- Information table.
Preconditions	Have a previously student's register and grades recorded.
Postconditions	Be able to download the pdf report.
Exceptions	<p>The system will generate an empty table if there is not a previously student's register and grades recorded.</p> <ol style="list-style-type: none"> 1. The user enters the platform. 2. The user logs in with user and password. 3. The user will see the menu where the "Generate constancies or reports" and "Record grades" options will be found. 4. The user selects the "Generate constancies or reports" option. 5. The user selects the corresponding course or diploma. 6. The user selects the "PDF list" option. 7. The exception happens, and the system generate and download an empty report.

Normal Sequence UC06		
Step	Actor	Description
1	Instructor	The user enters the platform.
2	Instructor	The user logs in with user and password.
3	Instructor	The user will see the menu where the "Generate constancies or reports" and "Record grades" options will be found.
4	Instructor	The user selects the "Generate constancies or reports" option.
5	Instructor	The user selects the corresponding diploma or course.
6	Instructor	The user selects the "PDF list" option.

UC07- Generate constancies	
Description	The user will be able to generate and download constancies.
Actors	Student
Functional Requirements	FR7- Generate Constancies on PDF:
User Cases asociated	UC01-Grades Register. UC02- Edit grades.
Preconditions	Have a previously registered student and grades recorded.
Postconditions	Be able to download the constancies.
Exceptions	<p>The system won't generate the constancy if the student didn't approve the module or course with a minimum of 60.</p> <ol style="list-style-type: none"> 1. The user enters the platform. 2. The user logs in with user and password. 3. The user will write their assign tuition. 4. The user will select their corresponding diploma or course. 5. The user selects the "Constancy" option. 6. The exception happens if the system validates that the student doesn't have the minimum of 60, and the system won't generate the constancy.

Normal Sequence UC07		
Step	Actor	Description
1	Student	The user enters the platform.
2	Student	The user logs in with user and password.
3	Student	The user will write their assign tuition.
4	Student	The user will select their corresponding diploma or course.
5	Student	The user selects the "Constancy" option.
6	Student	The user selects the type of constancy that they want.