

Learning system

Login	
Actors	Student / Teacher
When	The user has entered the learning system website.
Main-scenario	The user types in their username and password, and click "login."
Excepeption scenarios	Either username or password are incorrect, or the credentials don't exist.
Pre-conditions	No user is logged in.
Post-conditions	The user is successfully authenticated and logged in.

Create course	
Actors	Teacher
When	After teacher has logged in.
Main-scenario	Teacher enters course details, system validates and new course is created.
Excepeption scenarios	Invalid course data, system displays error or System doesn't work for some reason.
Pre-conditions	Teacher is logged in and the same course doesn't exist yet.
Post-conditions	New course is created and is available for students.

Modify course	
Actors	Teacher
When	Course is created.
Main-scenario	User changes course details.
Excepeption scenarios	User changes details to invalid values / System doesn't recognize changes.

Modify course	
Pre-conditions	User is logged in and a course to be modified exists.
Post-conditions	The changed data is saved to the database.

Delete course	
Actors	Teacher
When	Course is created.
Main-scenario	Teacher removes the course entry from the system.
Exception scenarios	Deletion fails due to course not existing yet or system not accepting deletion.
Pre-conditions	Course exists.
Post-conditions	Course doesn't exist anymore.

Check course participants	
Actors	Teacher
When	Course is created.
Main-scenario	Teacher sees the amount and names of registered students.
Exception scenarios	System fails to display the registered students.
Pre-conditions	Course is created.
Post-conditions	System displays the amount of students and their names.

Take course	
Actors	Student
When	Course has been created, student is at the course list page.
Main-scenario	System registers user to the course and displays the course details.

Take course	
Exception scenarios	Registering fails, use is already enrolled. System doesn't accept student.
Pre-conditions	Course exists, student is logged in and student is not already registered.
Post-conditions	Student is registered to the course.

Leave course	
Actors	Student
When	Course is taken.
Main-scenario	Student leaves course, removing him/her from the list of participants.
Exception scenarios	Leaving fails, student either is not registered or system doesn't accept leaving.
Pre-conditions	Course exists, student is enrolled to it and logged in to the system.
Post-conditions	Student is no longer registered to the course.

Give grades	
Actors	Teacher
When	Student has taken course.
Main-scenario	Teacher registers a certain grade for a student.
Exception scenarios	Given grade is invalid -> not accepted. System doesn't succeed at saving grade.
Pre-conditions	Teacher is logged in, student is registered to the course.
Post-conditions	A grade is assigned to a student's course.

Check grades	
Actors	Student
When	Grade is given
Main-scenario	Student checks the grade he/she received.

Check grades	
Excepeption scenarios	The grade is not displayed correctly.
Pre-conditions	Student has registered to the course, teacher has given a grade.
Post-conditions	The grade of the course is displayed to the student.