Use cases

**Administrator**

**UC1**: Login into the system

**Scope**: Get access to the dashboard

**Level**: User goal

**Primary Actor**: Administrator

**Stakeholders and interests**: Administrator – Wants to get access to the dashboard safely and quick.

**Precondition**: An account has been created with administrator privileges.

**Postcondition**: The has successfully logged in the system.

**Basic flow**:

1. The administrator goes on the website on the login area.
2. Administrator enters his username and password.
3. The system verifies the user’s credentials.
4. The system provides access to the dashboard with administrator privileges.
5. The use case ends.

**Alternate Course A**: The username and password are wrong

1. The system determines the user is not eligible to login in the system
2. The user is informed about the issue.
3. The system provides a password recovery link where the user can enter his email address to recover his password.
4. The use case ends

**Alternate Course B**: The login form is not filled in

1. The user doesn’t input his username or password and clicks the login button
2. The system displays a message that urges the user to enter his username and password
3. The use case ends

**UC2**: Register power users

**Scope**: Register new users with specific access level (power users)

**Level**: User goal

**Primary Actor**: Administrator

**Stakeholders and interests**:

Administrator – Wants to create new users with specific access level

Power user – Obtain access to the application with specific credentials

**Precondition**: The administrator has successfully logged in into the system

**Postcondition**: A new user has been created with specific access rights

**Basic flow**:

1. The administrator goes on the create new user area on the website
2. The administrator fills the new user form
3. The system checks if the user details are valid
4. The system creates a new user with the specific access rights
5. The use case ends.

**Alternate Course A**: The email address and the password are not valid

1. The administrator enters the new user details
2. The system performs a security check
3. The email address or password doesn’t fulfill the security requirements
4. The system informs the user about the issues
5. The use case ends

**Alternate Course B**: The required fields are empty

1. The administrator enters the new user details and miss one or more required fields
2. The system checks if the required fields are filled
3. The system informs the user about the issues
4. The use case ends

**Alternate Course C:** The user already exists

1. The administrator enters the new user details
2. The system checks the user details
3. The username already exists
4. The system informs the user about the issue
5. The use case ends

**UC3**: Create, edit, remove courses and description of the courses

**Scope**: Create, edit, remove courses

**Level**: User goal

**Primary actor**: Administrator

**Stakeholders and interests**: Administrator wants to create/edit/delete courses

**Precondition**: The administrator has been logged in into the system

**Postcondition**: A new course has been created

**Basic flow**:

1. The administrator goes to existing courses area in the dashboard
2. The administrator creates a new course
3. The system displays the “Create new course” form
4. The administrator enters the course name and details and saves the course
5. The system checks if the course already exits and if the fields are filled
6. The system creates a new course
7. The administrator wants to edit the course name or details and clicks “Edit course” button
8. The system displays the course details
9. The administrator makes the desired changes and saves the changes
10. The system checks if the fields are filled or the course already exists
11. The system saves the changes
12. The administrator wants to delete a course and clicks “Delete course” button
13. The system displays a confirmation message
14. The user confirm that he wants to delete the course
15. The system deletes the course
16. The use case ends

**Alternate Course A**: The course already exists

1.The administrator creates a new course and the course already exists in the system

2.The system informs the user about the issue

3.The use case ends

**Alternate Course B**: The required fields are not filled

1. The Administrator creates/edit a course
2. The required fields are not filled in correctly
3. The system informs the user about the issues
4. The use case ends

**Alternate Course C**: The user attempts to delete a course by mistake

1. The administrator clicks on “Delete course” by mistake
2. The system displays a confirmation message
3. The administrator doesn’t agree to delete the course
4. The system is keeping the course
5. The use case ends

**UC4:** Add/remove videos

**Scope**: Add/remove videos

**Level**: User goal

**Primary actor**: Administrator

**Stakeholders and interests**: Administrator wants to add/remove a video to/from a course

**Precondition**: The Administrator has been logged in into the system and at least one course has been created

**Postcondition**: A video has been added/removed from the course

**Basic flow**:

1. The administrator goes to a course and clicks on “Add new video”
2. The system shows a new window where the user can upload a new video from his local computer
3. The user browses the files from his local computer and uploads a new video
4. The system assigns the video to the course
5. The administrator goes to a course and clicks on “Remove video” button
6. The system displays a confirmation message
7. The user agrees with the changes
8. The system removes the video from the system
9. The use case ends

**Alternate Course A**: The user attempts to delete a video by mistake

1. The user clicks on “Remove video” by mistake
2. The system displays a confirmation message
3. The user doesn’t agree with the action
4. The system is keeping the video
5. The use case ends

**UC5**: Add/edit/delete exercise files

**Scope**: Add/remove exercise files to/from a course

**Level**: User goal

**Primary actor**: Administrator

**Stakeholders and interests**: Administrator wants to add/remove exercise files from/to a course

**Precondition**: The Administrator has been logged in into the system and at least one course has been created

**Postcondition**: An exercise file has been added/removed from the course

**Basic flow**:

1. The user goes to a course and clicks “Add exercise file”
2. The system shows a new window where the user can upload a new exercise file from his local computer
3. The user browses the files from his local computer and uploads a new exercise file
4. The system assigns the file to the course
5. The user clicks on “Remove file” button
6. The system displays a confirmation message
7. The user agrees to remove the file
8. The system removes the file from the course
9. The use case ends

**Alternate Course A:** The user attempts to delete a file by mistake

1. The user goes to a course and clicks on “Remove file” by mistake
2. The system displays a confirmation message
3. The user doesn’t agree with the action
4. The system is keeping the file
5. The use case ends

**UC6**: Add/edit/delete exam files

**Scope**: Add/remove exam files to/from a course

**Level**: User goal

**Primary actor**: Administrator

**Stakeholders and interests**: Administrator wants to add/remove exam files to/from a course

**Precondition**: The Administrator has been logged in into the system and at least one course has been created

**Postcondition**: An exercise file has been added/removed from the course

**Basic flow**:

1. The user goes to a course and clicks “Add exam file”
2. The system shows a new window where the user can upload a new exam file from his local computer
3. The user browses the files from his local computer and uploads a new exam file
4. The system assigns the file to the course
5. The user clicks on “Remove file” button
6. The system displays a confirmation message
7. The user agrees to remove the file
8. The system removes the file from the course
9. The use case ends

**Alternate Course A:** The user attempts to delete an exam file by mistake

1. The user goes to a course and clicks on “Remove file” by mistake
2. The system displays a confirmation message
3. The user doesn’t agree with the action
4. The system is keeping the file
5. The use case ends

**UC6**: Create/edit/remove payment plans

**Scope**: Create payment plans,

**Level**: User goal

**Primary actor**: Administrator

**Stakeholders and interests**:

Administrator – can create a payment plan, the customers can choose from 3 different payment plans: monthly, 3 months ahead and one year ahead

**Precondition**: The Administrator has been logged in into the system

**Postcondition**: Payment plan is created

**Basic flow**:

1. The user goes to the payment area and clicks on “Create new payment plan”
2. The system displays a new window where the user can create a payment plan
3. The user fills the payment plan form and saves it
4. The system creates the payment plan
5. The use case ends

**Alternate Course A:** The payment plan is form is filled incorrectly

1. The user fills the payment plan incorrectly
2. The system informs the user about the mistakes and is redirected to the form to make the required changes
3. The use case ends