

# Use Case Document

## Course Management System

Use Case 1	Add Course
Actors	Admin
Description	The admin can add a new course to the system. Preconditions: Basic Flow of Events
Primary Actor	Admin
Preconditions	<ul style="list-style-type: none"><li>The admin is logged in.</li></ul>
Postconditions	<ul style="list-style-type: none"><li>The new course is successfully added to the system.</li></ul>
Basic Flow of Events	<ul style="list-style-type: none"><li>The admin selects the "Add Course" option.</li><li>The system prompts the admin to enter the course details, including the course name, description, duration, and instructor.</li><li>The admin provides the required information.</li><li>The system validates the input and adds the course to the system.</li></ul>

Use Case 2	View Course
Actors	Admin
Description	Both the admin and users can view the details of a course.
Primary Actor	Admin
Preconditions	None
Postconditions	<ul style="list-style-type: none"><li>The course details are displayed on the screen.</li></ul>
Basic Flow of Events	<ul style="list-style-type: none"><li>The admin or user selects the "View Course" option.</li><li>The system displays a list of available courses.</li><li>The admin or user selects a specific course.</li><li>The system retrieves and presents the course details, including the name, description, duration, and instructor.</li></ul>

Use Case 3	Update Course
Actors	Admin
Description	The admin can update the details of a course.
Primary Actor	Admin
Preconditions	The admin is logged in.
Postconditions	<ul style="list-style-type: none"><li>The course details are successfully updated in the system.</li></ul>
Basic Flow of Events	<ul style="list-style-type: none"><li>The admin selects the "Update Course" option.</li><li>The system displays a list of available courses.</li><li>The admin selects a specific course to update.</li><li>The system presents the current details of the selected course.</li><li>The admin modifies the desired information, such as the course name, description, duration, or instructor.</li><li>The system validates the input and updates the course details.</li></ul>

Use Case 4	Delete Course
Actors	Admin
Description	The admin can delete a course from the system.
Primary Actor	Admin
Preconditions	The admin is logged in.
Postconditions	The course is successfully deleted from the system.
Basic Flow of Events	<ul style="list-style-type: none"><li>The admin selects the "Delete Course" option.</li><li>The system displays a list of available courses.</li><li>The admin selects a specific course to delete.</li><li>The system presents a confirmation message to verify the deletion request.</li><li>The admin confirms the deletion.</li><li>The system removes the course from the system.</li></ul>

Use Case 5	View Courses
Actors	User
Description	Users can view a list of available courses
Primary Actor	User
Preconditions	None
Postconditions	The list of courses is displayed on the screen.
Basic Flow of Events	<ul style="list-style-type: none"><li>• The user selects the "View Courses" option.</li><li>• The system displays a list of available courses, including their names and brief descriptions.</li></ul>

Use Case 6	Search Course
Actors	User
Description	Users can search for a specific course based on certain criteria.
Primary Actor	User
Preconditions	None
Postconditions	The search results are displayed on the screen.
Basic Flow of Events	<ul style="list-style-type: none"><li>• The user selects the "Search Course" option.</li><li>• The system prompts the user to enter search criteria, such as keywords or filters.</li><li>• The user provides the search criteria.</li><li>• The system retrieves and presents the courses that match the provided criteria.</li></ul>

Use Case 7	Rate Course
Actors	User
Description	Users can rate a course they have attended.
Primary Actor	User
Preconditions	None
Postconditions	The search results are displayed on the screen.
Basic Flow of Events	<ul style="list-style-type: none"><li>• The user selects the “Search Course” option.</li><li>• The system prompts the user to enter search criteria, such as keywords or filters.</li><li>• The user provides the search criteria.</li><li>• The system retrieves and presents the courses that match the provided criteria.</li></ul>