

COMP3111 Activity 1

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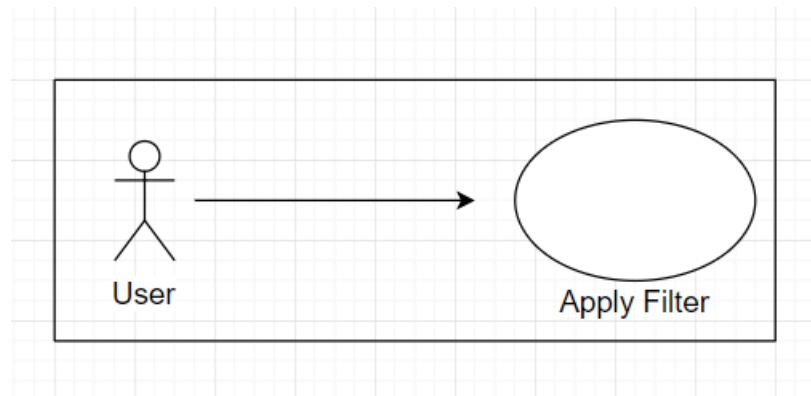
Use-case Detailed Specifications for Task 2 & Task 3

Use Case: Task 2 - Filter:

Brief Description:

This use case describes how a user(student) can apply the filter on the scrapped course sections list.

Use-case diagram:



Basic Flow:

1. The use case begins when the user chooses the "Filter" tag.
2. The system displays the interface of checking boxes for different filtering conditions.

{Set Filter Conditions}

3. The user checks the checkbox of the filter conditions.

- 3.1 If any checkbox is checked.

{Filtering}

- 3.1.1 If "select all" is checked.

{Select All}

- 3.1.1.1 User clicks "select all" and all boxes are checked.

- 3.1.1.2 "select all" box is changed to "de-select all".

- 3.1.2 If "de-select" all is checked.

{De-Select All}

3.1.2.1 User clicks “de-select all” and all checkboxes are de-selected.

3.1.2.2 “select all” box is changed to “de-select all”.

3.1.3 If a checkbox other than the previous two is selected or deselected by the user.

{Change Filter Conditions}

3.1.3.1 User checks a checkbox of filtering condition.

3.1.3.2 The filter conditions are updated.

3.2 Gather all filter conditions and apply them on the course sections list.

3.3 Clear the console and display all the filtered information satisfying the conditions.

4. The use case ends.

Alternative Flows

A1: Select All when All Boxes Are Already Selected

At **{Select All}**, if the user has already manually checked every box.

1. The system changes “select all” box to “de-select all”.
2. The use case ends.

A2: De-Select All When All Boxes Are Already De-Selected

At **{De-Select All}**, if the user has already manually unchecked every box.

1. The system changes “de-select all” box to “select all”.
2. The use case ends.

A3: Course Page Not found

At **{Set Filter Conditions}**, if at backend, the course page is not found.

1. The system cannot get course sections from the backend.
2. Display appropriate error message in the console.
3. The use case ends.

A4: No Results Displayed In The Console

At **{Set Filter Conditions}**, if there are no results satisfying conditions from the filter.

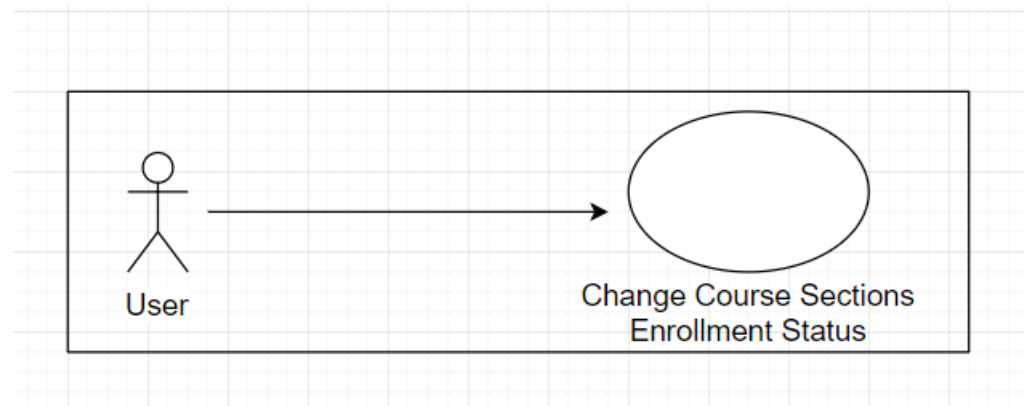
1. The system cannot output anything in the console.
2. The use case ends.

Use Case: Task 3 - List:

Brief Description:

This use case describes how a user(student) can change the enrollment status of the course sections.

Use-case diagram:



Basic Flow:

1. The use case begins when the user chooses the “List” tag.
2. The system fills the list with the results from the “Filter”.
3. The system displays the interface with “Enroll” checkboxes for every piece of courses obtained from “Filter”.

{Change Enrollment Status}

4. The user clicks on the Enroll Checkbox
5. The status of the Enroll Checkbox is changed.
6. The console is cleared.
7. Filtered information are displayed in the console.
8. The console displays “The following sections are enrolled: ”.
9. The console prints the list of the enrolled course sections.
10. The use case ends.

Alternative Flows

A1: Course Exclusion

At **{Change Enrollment Status}**, if the user checks a course with an exclusion to a course already enrolled.

1. The system cannot update enrollment status.
2. The use case ends.

A2: Course Page Not found

Before **{Change Enrollment Status}**, if at backend, the course page is not found.

1. The system cannot change enrollment status of course sections.
2. Display appropriate error message in the console.
3. The use case ends.

A3: No Results Displayed In The List

At **{Change Enrollment Status}**, if there are no results satisfying conditions from the filter.

1. The system cannot change enrollment status of course sections.
2. The use case ends.