

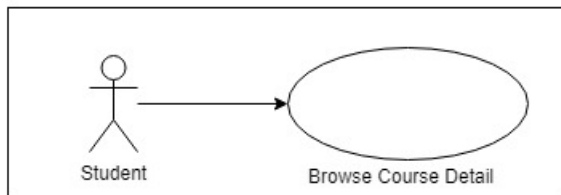
USE CASE SPECIFICATION

Dhulan Seniru Daluwatte 20553900

TASK 5:

Brief Description: This use case describes how the system searches when the user presses the all subject search button

Use Case Diagram



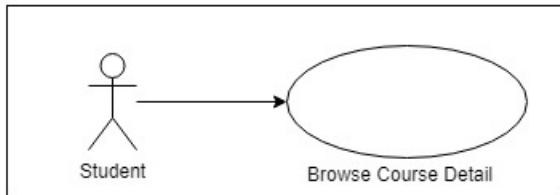
Basic Flow:

1. The use case begins when the user chooses the All Subject Search tab.
2. with the progress bar empty.
3. When ALL SUBJECT SEARCH is clicked,
 - 3.1 Total Number of Categories/Code Prefix is displayed
 - 3.2 ALL SUBJECT SEARCH is clicked again.
 - 3.2.1 All subjects are searched
 - 3.2.2 After one subject is scraped "the 'Subject is done'" is displayed on the console
 - 3.2.2.1 The progress bar is updated.
 - 3.2.3 Display all the scraped course codes and names
 - 3.3 Tabs Filter, list and backend are updated

TASK 6:

Brief Description: This use case describes how the system scrapes the data when the user wants to find SFQ or instructor average SFQ to display

Use Case Diagram



Preconditions: user has pressed either search or all subject search button and enrollment is implemented is implemented correctly

Basic Flow:

1. The use case begins when the user chooses the SFQ tab.
2. The 'SFQ' interface is displayed with two buttons and an empty SFQ URL

{Buttons pressed}

3. If "search" or "All Subject Search" buttons has been clicked

3.1 The "Find SFQ with my enrolled courses" button is enabled.

{Find SFQ pressed}

4. When "Find SFQ with my enrolled courses" button is clicked,

{Data scraped}

4.1 Data from SFQ URL is scraped.

4.2 Unadjusted SFQ data is printed.

4.2 If multiple sections are available for a course,

4.3 The average unadjusted SFQ data is printed.

{List Instructors button Clicked}

5. When "List instructors' average SFQ" button is clicked

5.1 All instructors' name and their 'unadjusted SFQ score' is printed on the console.

Alternative flow:

A1. If Search or All Subject Search Button not pressed

At {Buttons pressed} if neither button is pressed

1. The “Find SFQ with my enrolled courses” button is disabled.
2. The flow of events is resumed at {List Instructors button Clicked}

A2. Enrolment not implemented correctly in List

At {Find SFQ pressed} if Enrolment not implemented correctly in List

1. The first 5 sections of the scraped data are enrolled.
2. If there are less than 5 sections from the scraped data
 - 2.1 All sections are enrolled
3. The flow of events is resumed at {Data scraped}