Selection Officer

Login to system

<<Include>>

Enter student number

Edit study plan

Create study plan

<<Include>>

Select Course

<<Include>>

Select units for exemption

<<Include>>

<<Include>>

Manually edit study plan

extension points
Save changes

<<Extend>>

Generate new study plan

extension points
Save changes
Edit study plan

<<Extend>>

<<Extend>>

Save study plan

Study Plan Generator Use Case Textual Description

Name:	Study Plan Generator
Version:	1.0
Goal:	To generate a new study plan with RPL exemptions
Summary:	This use case outlines the process of generating a new study plan for students with specific courses exempt from it. The new study plan will be optimised so the student can complete the course in the shortest possible timeframe available
Actors:	Selection officer
Preconditions:	Students must be enrolled in a course
Triggers:	Selection office initiates a new study plan through the system

Basic course of events:
1. Officer logs into the system
2. Officer enters student number
3. Officer chooses to create or edit a study plan. If edit is chosen, skip to step 9
4. Office chooses a course to edit
5. Course structure is presented to officer
6. Officer chooses courses for exemption
7. Officer applies exemptions to system
8. System applies algorithm to choose optimal study plan for both semesters
9. Optimal study plan is presented to user
10. Officer can manually edit the study plan
11. Study plan is saved into the system

Alternate paths:
    AP1 – Trigger: Officers login details are incorrect
            1.1) Prompt user to enter details again
            1.2) Return to point 1
    AP2 – Trigger: Student number is incorrect
            2.1) Prompt user to enter details again
            2.2) Return to point 2
    AP3 – Trigger: Edit is chosen for a study plan that does not exist
            3.1) Inform users that no study plan exists
            3.2) Return to point 3
    AP4 – Trigger: Officers applies exemptions when nothing is chosen
            6.1) System informs the user that there are no exemptions selected
            6.2) Return to point 5
    AP5 – Trigger: Officer chooses to go back to exemption screen after study plan is created
            9.1) Return to point 5

Post conditions:	A new study plan is generated