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| **Use Case Name** | Assign Lecture / Student | |
| **Scenario** | Adds a new lecturer or student | |
| **Triggering Event** | The administrative department wants to assign new lecturer or student | |
| **Brief Description** | The administrative department click a certain class, then choose to assign lecturer/student, and lastly input their ID. | |
| **Actors** | Administrative Department | |
| **Related Use Cases** | It can be trigger with Create Class use case | |
| **Stakeholders** | Student, Lecturer | |
| **Precondition** | 1. The administrative department is using a valid account 2. There must be a student 3. There must be a lecturer 4. The class should exist already | |
| **Postcondition** | 1. The student ID must be a valid ID 2. The lecturer ID must be a valid ID 3. At the end of the use case, the database will be inserted with the new data | |
| **Flow of Events** | **Actor** | **System** |
| 1. Click assign lecturer or student button | 1.1 Show assign lecturer or student form |
|  | 1. Input Student ID / Lecturer ID | * 1. Validate input values   2. System inserts the new data to database |
| **Exception Condition** | 1. The Student ID / Lecturer ID is not a valid ID | |

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| **Use Case Name** | Update Forum | |
| **Scenario** | Update an existing forum | |
| **Triggering Event** | Lecturer or student wants to update the forum they made | |
| **Brief Description** | Lecturer or student made the forum before and willing to update the forum, where’s the content and title can be modified. | |
| **Actors** | 1. Lecturer 2. Student | |
| **Related Use Cases** | It can be triggered via View Forum use case | |
| **Stakeholders** | 1. Lecturer 2. Student | |
| **Precondition** | 1. The lecturer or student should be using a valid account 2. There should be a class first 3. There forum should be created first | |
| **Postcondition** | 1. The updated forum values should be a valid value 2. At the end of the use case, the forum inside the database will be updated with the newest updated values | |
| **Flow of Events** | **Actor** | **System** |
| 1. The lecturer or student clicks the update forum button | 1.1 System fills in the form values with existing data |
|  | 1. Lecturer/Student make changes to the form values | 2.1 System validates the input and store it inside the database |
| **Exception Condition** | 1. The form values didn’t fulfill the input requirement just like when making the forum | |

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| **Use Case Name** | Create Class | |
| **Scenario** | Creating a new class | |
| **Triggering Event** | Administrative Department wants to create a new class | |
| **Brief Description** | Administrative Department wants to create a new class to allocate new students and lecturer at a certain course | |
| **Actors** | 1. Administrative Department | |
| **Related Use Cases** | View All Class | |
| **Stakeholders** | 1. Student 2. Lecturer 3. Administrative Department | |
| **Precondition** | 1. There must be a student 2. There must be a lecturer 3. Administrative Department should be using a valid account | |
| **Postcondition** | 1. Showing no classes if you haven’t assigned yet by Administrative Department 2. Showing classes associated with you if you have been assigned by Administrative Department 3. Showing all classes to administrative department | |
| **Flow of Events** | **Actor** | **System** |
| 1. Student or Lecturer or Administrative Department click view class menu | * + 1. System determines the user role     2. If the user role is student, then system will fetch all classes associated with the student     3. If the user role is a lecturer, then system will fetch all classes associated with the current lecturer     4. If the user role is an administrative department, then the system will fetch all classes   1. System returns the data inside Classes page |
| **Exception Condition** |  | |

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| **Use Case Name** | View Forum | |
| **Scenario** | Viewing forum detail | |
| **Triggering Event** | Student or Lecturer wants to view forum content and discussions | |
| **Brief Description** | Student or Lecturer view the forum content and discussions, including all the replies to see what’s on the forum thread | |
| **Actors** | 1. Student 2. Lecturer | |
| **Related Use Cases** | It can be trigger via View Class Forum use case | |
| **Stakeholders** | 1. Student 2. Lecturer | |
| **Precondition** | 1. Student should be using a valid account 2. Lecturer should be using a valid account 3. The forum should be created first, and should have ongoing discussion before you can see the discussions on the forum thread | |
| **Postcondition** | 1. If it is a private forum, then you can only see your replies/discussions 2. If it is a public forum, you can see all ongoing discussions with friend of the same class 3. If no forum is available, then there will be no data at all | |
| **Flow of Events** | **Actor** | **System** |
| 1. Student or lecturer click one of the forums | * 1. The system will determine user role      1. If the user role is lecturer or student with public privacy, then system will fetch all forum content and discussions.      2. If the user role is a student and the privacy is private, then system will only fetch forum content and your reply/discussion only |
| **Exception Condition** | 1. There is no forum created before | |

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| **Use Case Name** | Create Assignment | |
| **Scenario** | Create a new assignment | |
| **Triggering Event** | Lecturer wants to create a new assignment | |
| **Brief Description** | The lecturer chooses a course, and then pick any available class/classes in that certain course and creates the new assignment by entering the content and the submission date. | |
| **Actors** | Lecturer | |
| **Related Use Cases** | Can be access through View Assignment use case | |
| **Stakeholders** | Lecturer, Student | |
| **Precondition** | 1. The lecturer is using a valid account 2. The lecturer prepared the assignment content | |
| **Postcondition** | 1. The assignment should be created with valid values 2. The lecturer should only assign to classes that he is associated with 3. At the end of the use case, the database will be inserted with new assignment data | |
| **Flow of Events** | **Actor** | **System** |
| 1. The lecturer click create assignment button | * 1. System fetches all available courses associated with the lecturer |
| 1. The lecturer chooses a course | * 1. System fetches all classes associated with the course and the lecturer into the form |
| 1. The lecturer input the form values | * 1. System validates input   2. System inserts the form assignment data to database |
| **Exception Condition** | * 1. The content is empty   2. The submission date and time is not bigger than current date and time   3. The lecturer didn’t pick any class | |