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| **Use Case Name** | Submit Group Assignment | |
| **Scenario** | Submit a group assignment by student | |
| **Triggering Event** | Student wants to submit their group assignment | |
| **Brief Description** | Student wants to submit their group assignment by attaching and uploading a file to their assignment tab | |
| **Actors** | Student | |
| **Related Use Cases** | View All Assignment, Create Assignments | |
| **Stakeholders** | Student, Lecturer (who create the assignment) | |
| **Precondition** | Student must have an account  Student must have an active group assignment | |
| **Postcondition** | Group assignment answer is saved | |
| **Flow of Events** | **Actor** | **System** |
| 1. Student open group assignment page 2. Student click add assignment button 3. Student attach file 4. Student input assignment title | * 1. System gets all group assignment from database   2. System shows all group assignment   3. System inserts file into database |
| **Exception Condition** | The file is empty  File extension is invalid | |

**FA – Bee-Portal Use Case Description**

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| **Use Case Name** | Update Forum | |
| **Scenario** | Update posted forum by student / lecturer | |
| **Triggering Event** | Student / lecturer wants to modify their previous forum post | |
| **Brief Description** | Student / lecturer wants to modify / update their previous forum post by posting a new content to replace the old content | |
| **Actors** | Student, Lecturer | |
| **Related Use Cases** | View All Forum, Create Forum | |
| **Stakeholders** | Student, Lecturer | |
| **Precondition** | Student / lecturer must have an account  Student / lecturer must have an active forum discussion | |
| **Postcondition** | New forum content replaces the old forum content  New forum content is saved | |
| **Flow of Events** | **Actor** | **System** |
| 1. Student / lecturer view all forum 2. Student / lecturer click edit button 3. Student / lecturer input new forum content | * 1. System gets all forum data from database   2.1. System shows editable forum   * 1. System updates new forum content to the database |
| **Exception Condition** | The content is less than 5 words | |

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| **Use Case Name** | Create Class | |
| **Scenario** | Create class by administrative department | |
| **Triggering Event** | Administrative department wants to create new class | |
| **Brief Description** | Administrative department wants to create new class by inputting new class and schedule | |
| **Actors** | Administrative Department | |
| **Related Use Cases** | Allocate Students and Lecturers, Create Schedules | |
| **Stakeholders** | Administrative Department, Student, Lecturer | |
| **Precondition** | Administrative department must have an account  Administrative department must add create schedule and allocate students and lecturers | |
| **Postcondition** | Class is created and saved  Class contains students and lecturer | |
| **Flow of Events** | **Actor** | **System** |
| 1. Administrative Department click create class button 2. Administrative department input class name 3. Administrative department input schedule 4. Administrative department allocate student and lecturers 5. Administrative department click submit button | * 1. System shows create class form   2. System inputs class to database |
| **Exception Condition** | Class schedule is not available  Student and lecturer is not available | |

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| **Use Case Name** | Delete Forum | |
| **Scenario** | Delete posted forum by student / lecturer | |
| **Triggering Event** | Student / lecturer wants to delete a forum that has been posted | |
| **Brief Description** | Student / lecturer wants to delete a forum that has been posted by some reason | |
| **Actors** | Student, Lecturer | |
| **Related Use Cases** | View All Forum, Create Forum | |
| **Stakeholders** | Student, Lecturer | |
| **Precondition** | Student / lecturer must have an account  Student / lecturer must have a posted forum | |
| **Postcondition** | The selected forum is deleted | |
| **Flow of Events** | **Actor** | **System** |
| 1. Student / lecturer see all forum post 2. Student / lecturer click the forum that they want to delete 3. Student / lecturer click delete button | * 1. System gets all forum data from database   2. System shows the detail of the forum that the actor wants to delete   3. System shows confirmation dialog   4. If confirmed, system will delete forum post from database |
| **Exception Condition** | None | |

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| **Use Case Name** | Update Score | |
| **Scenario** | Update student score | |
| **Triggering Event** | Lecturer wants to update student’s scores | |
| **Brief Description** | Lecturer wants to update student’s scores if the score protest proposal is accepted | |
| **Actors** | Lecturer | |
| **Related Use Cases** | Protest Score, Submit Score, Finalize Student Score | |
| **Stakeholders** | Student, Lecturer, Scoring Department | |
| **Precondition** | Lecturer must have an account  Lecturer must have a score posted  Lecturer must receive a score protest proposal | |
| **Postcondition** | Student score is updated | |
| **Flow of Events** | **Actor** | **System** |
| 1. Lecturer open view score protest proposal 2. Lecturer review score protest proposal 3. Lecturer input new student score 4. Lecturer click update button | * 1. System gets all score protest proposal   2. System shows confirmation dialog   3. System updates student score to database |
| **Exception Condition** | New student score is less than 0 or more than 100 | |