**TPA Desktop – Use Case Description – Bee Portal**

SY21-2 – Kesya Amanda Wijaya

|  |  |  |
| --- | --- | --- |
| **Use Case Name** | Update Forum Post | |
| **Scenario** | Edit a forum post by student/lecturer | |
| **Triggering Event** | Student/lecturer wants to change his/her forum post. | |
| **Brief Description** | Student/lecturer changes his/her forum post by entering new forum content or upload a new file. | |
| **Actors** | Student/lecturer | |
| **Related Use Cases** | *View All Forum*, *Manage Forum* | |
| **Stakeholders** | Student, Lecturer (in their respective class) | |
| **Precondition** | Student/lecturer must have a valid account.  Student/lecturer must have an on-going course.  Student/lecturer must have the forum to edit. | |
| **Postcondition** | Forum detail must be updated and saved. | |
| **Flow of Events** | **Actor** | **System** |
| 1. Student/lecturer opens view all forum page  2. Student/lecturer clicks the “Edit Forum” button in his/her own forum,  3. Student/lecturer enters new content or a new file, | 1.1 System fetch all forum data from his/her courses  2. 1 System displays his/her forum current content.   * 1. System prompts Student/lecturer for a new content/file.   3.1 System update the forum detail at database. |
| **Exception Condition** | 3.1 The content is empty or the file is more than 25 MB. | |

|  |  |  |
| --- | --- | --- |
| **Use Case Name** | Add Forum Post | |
| **Scenario** | Create a forum post. | |
| **Triggering Event** | Student/lecturer wants to create a new forum post. | |
| **Brief Description** | Student/lecturer create a new forum post by entering new forum content or upload a new file for a specified class and course. | |
| **Actors** | Student/lecturer. | |
| **Related Use Cases** | Might be invoked by the *View All Forum* use case or *Manage Forum* use case. | |
| **Stakeholders** | Student, Lecturer (in their respective class). | |
| **Precondition** | Student/lecturer must have a valid account.  Student/lecturer must have an on-going course. | |
| **Postcondition** | Forum detail must be created and saved.  Forum must be created and saved.  Forum detail and the forum must be associated with the Student/Lecturer and their course class. | |
| **Flow of Events** | **Actor** | **System** |
| 1. Student/lecturer opens view all forum page  2. Student/lecturer clicks the “Add New Forum” button in his/her own forum.  3. Student/lecturer enters new content or a new file. | 1.1 System fetch all forum data from his/her courses   * 1. System displays the add forum post form   2. System prompts Student for new content/file.   3.1 System creates forum detail.  3.2 System creates forum.  3.3 System associates student/lecturer, class, forum, and forum detail to the database. |
| **Exception Condition** | 3.1 The content is empty or the file is more than 25 MB. | |

|  |  |  |
| --- | --- | --- |
| **Use Case Name** | Create New Assignment | |
| **Scenario** | Create a new assignment. | |
| **Triggering Event** | Lecturer wants to create a new assignment. | |
| **Brief Description** | Lecturer creates a new assignment for certain course/class by entering assignment details (start date and end date) and the assignment file. | |
| **Actors** | Lecturer. | |
| **Related Use Cases** | Might be invoked by *View All Assignment* use case. | |
| **Stakeholders** | Student | |
| **Precondition** | Lecturer must have a valid account.  Lecturer must prepare the assignment file. | |
| **Postcondition** | Assignment must be created and saved.  Assignment and Class must be associated with Lecturer. | |
| **Flow of Events** | **Actor** | **System** |
| 1. Lecturer clicks the create new assignment button  2. Lecturer enters the assignment details  3. Lecturer enters which class to assign | 1.1 System prompts assignment details  2.1. System creates the assignment  2.2 System prompts which class to assign the assignment  3.1 System associates the assignment, class, and lecturer to the database. |
| **Exception Condition** | * 1. The assignment deadline is not bigger than d+1   2.1 If the assignment details not valid empty, prompt the lecturer to input the details again.  2.1 If the assignment file is empty or invalid, prompt the lecturer to upload the correct file. | |

|  |  |  |
| --- | --- | --- |
| **Use Case Name** | Allocate Exam Proctor | |
| **Scenario** | Allocate an exam proctor to an exam schedule. | |
| **Triggering Event** | The administrative department wants to allocate an exam proctor to guide the exam class. | |
| **Brief Description** | The administrative department allocates a new exam proctor for an exam schedule of a certain class by choosing one of the exam proctors. | |
| **Actors** | Administrative Department. | |
| **Related Use Cases** | None. | |
| **Stakeholders** | Proctor | |
| **Precondition** | The administrative department must have a valid account.  There must be a schedule to allocate the exam proctor.  There must be minimum one exam proctor. | |
| **Postcondition** | Exam proctor must be associated with the exam schedule. | |
| **Flow of Events** | **Actor** | **System** |
| 1. The administrative department opens the Allocate Exam Proctor page  2. The administrative department choose which schedule to assign proctor  3. The administrative department choose exam proctor to assign | 1.1 System fetch all exam schedules and show it to the view  1.2 System prompts which schedule to assign the proctor  2.1 System fetch all exam proctors and show it to the view  2.2 System prompts which proctor to assign  3.1 System assign the exam proctor to the specified schedule  3.1 System update the exam schedule at the database. |
| **Exception Condition** | * 1. There are no exam schedules   2.1 There are no exam proctors | |

|  |  |  |
| --- | --- | --- |
| **Use Case Name** | Submit Score | |
| **Scenario** | Submit all students’ score in a class | |
| **Triggering Event** | The lecturer wants to submit the score for his/her students. | |
| **Brief Description** | The lecturer submits the final score of his/her students by inputting all their scores from exam and assignment in his/her class. | |
| **Actors** | Lecturer | |
| **Related Use Cases** | Might be invoked by *Update Score* use case and finalized in *Finalize Student Score* use case. | |
| **Stakeholders** | Student | |
| **Precondition** | Lecturer must have a valid account.  Lecturer must have on-going class that he/she taught.  Lecturer only can input after exam week finished. | |
| **Postcondition** | Score is verified and ready to input. | |
| **Flow of Events** | **Actor** | **System** |
| 1. Lecturer opens the submit score page  2. Lecturer choose class to input students’ score  3. Lecturer input all student score | * 1. System fetches all class taught by lecturer and show it to the view   2. System prompts class to input score to   2.1 System fetches all student’s data from the chosen class and show it  2.2 System prompts score per student  3.1 System saves the final score to the associates student in their respective class to the database. |
| **Exception Condition** | None. | |