E-Learning Platform

USE CASES DESCRIPTIONS

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| **Identifier** | | UC-01 | | |
| **Name** | | Create account | | |
| **Purpose** | | This use case allows administrator to create teacher and student account | | |
| **Priority** | | High | | |
| **Actors** | | Administrator | | |
| **Pre-conditions** | | 1. Administrator log in 2. Administrator know Teacher, student details | | |
| **Post-conditions** | | A new account is created | | |
| **Dependencies** | | none | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| 1 | Administrator enter credentials | | 1.1 | System verifies credentials |
| 2 | Administrator fill create account form for either teacher or student and submit it | | 2.1 | System verifies the entries/ Checks for any field errors |
| **Alternative Course of Action** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| 1 | Administrator enter wrong credentials | | 1.1 | System shows “Wrong Credentials” message |
| 2 | Administrator fill create account form for either teacher or student and submit it with invalid inputs | | 2.1 | System highlights the form field that has wrong |

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| **Identifier** | | UC-02 | | |
| **Name** | | Login account | | |
| **Purpose** | | This use case allows teachers, students and Admin to log in to the system. | | |
| **Priority** | | High | | |
| **Actors** | | teacher/student/Admin | | |
| **Pre-conditions** | | 1. Valid username and password 2. User should have the correct credentials 3. Account must be created before login | | |
| **Post-conditions** | | teacher or student gains access to their respective accounts. | | |
| **Dependencies** | | UC-05 | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| 1 | Teacher/Student enters login credentials | | 1.1 | System verifies credentials |
| 2 | Teacher/Student clicks the login button | | 2.1 | System grants access to the account |
| Alternative Course of Action | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| 1 | Teacher/Student enters login credentials | | 1.1 | System shows “Wrong credentials message” |
| **Exceptions:** when teacher/student press button if valid username and password successfully log. If information are in correct then  display error message | | | | |

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| **Identifier** | | | UC-03 | | | | |
| **Name** | | | Authenticate Payment | | | | |
| **Purpose** | | | This use case allow administrator to authenticate the fee of each course and approval of the fee concession application. | | | | |
| **Priority** | | | Medium | | | | |
| **Actors** | | | Administrator | | | | |
| **Pre-conditions** | | | Administrator logged into the account. | | | | |
| **Post-conditions** | | | The fee related information is successfully managed or updated. | | | | |
| **Dependencies** | | | None | | | | |
| **Typical Course of Action (Primary Flow)** | | | | | | | | | |
| **S#** | | | **Actor Action** | | | **S#** | | **System Response** | |
| 1 | | | Administrator select “authenticate fee” | | | 1.1 | | System display the option for authenticate fee information | |
| 2 | | | Administrator choose the option. | | | 2.1 | | System provide interface for chosen option | |
| 3 | | | Administrator update/edit/authenticate fee information | | | 3.1 | | System update the fee related record. | |
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| **Identifier** | | | UC-04 | | | | |
| **Name** | | | Course Registration | | | | |
| **Purpose** | | | This use case allow student to register course for upcoming semester. | | | | |
| **Priority** | | | High | | | | |
| **Actors** | | | Student | | | | |
| **Pre-conditions** | | | Student is logged into account. Course registration period is open | | | | |
| **Post-conditions** | | | Student is successfully registered for the course | | | | |
| **Dependencies** | | | None | | | | |
| **Typical Course of Action (Primary Flow)** | | | | | | | |
| **S#** | **Actor Action** | | | **S#** | | **System Response** | |
| 1 | Student selects "Course Registration" | | | 1.1 | | System displays available courses. | |
| 2 | Student Chooses the courses to register along with the available sections | | | 2.1 | | System adds the selected courses to choosen courses lists | |
| 3 | Student clicks on register courses | | | 3.1 | | System registers the courses for the student | |
| **Alternative Course of action** | | | | | | | |
| **S#** | **Actor Action** | | |  | | **System Response** | |
| 1 | Student selects "Course Registration" | | | 1.1 | | System shows “Max Course register limit reached” or “Course  Registration period ended” | |

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| **Identifier** | | UC-05 | | |
| **Name** | | Upload Courses | | |
| **Purpose** | | This use case allows teachers to upload courses for a particular course. | | |
| **Priority** | | High | | |
| **Actors** | | Teacher | | |
| **Pre-conditions** | | Teacher is logged into their account | | |
| **Post-conditions** | | The courses are successfully uploaded. | | |
| **Dependencies** | | None | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| 1 | Teacher selects "Upload Courses". | | 1.1 | System displays the course/assignment selection screen |
| 2 | Teacher chooses the course to be uploaded along with materials/handouts | | 2.1 | System provides an interface to upload courses (e.g., html page) |
| 3 | Teacher uploads the marks. | | 3.1 | System validates and processes the uploaded courses |
| **Exceptions:** Teacher has not been assigned any class yet. | | | | |

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| **Identifier** | | UC-06 | | |
| **Name** | | Track Feedback | | |
| **Purpose** | | This use case allow teacher to record the feedback of students in class, | | |
| **Priority** | | low | | |
| **Actors** | | Teacher | | |
| **Pre-conditions** | | Teacher is logged into their account.  Teacher select specified student to track student feedback. | | |
| **Post-conditions** | | The teacher successfully track and update the feedback of student successfully. | | |
| **Dependencies** | | None | | |
| **Typical Course of Action (Primary Flow)** | | | | |
| **S#** | **Actor Action** | | **S#** | **System Response** |
| 1 | Teacher "Track Class Feedback". | | 1.1 | 1.1 System displays a list of classes or sessions |
| 2 | Teacher chooses the class and individual student to track | | 2.1 | System retrieves and displays the form for records for students in the selected class/session |
| 3 | Teacher press submitted button. | | 3.1 | System displays the message successfully record student feedback. |
| **Exceptions:** Teacher has not been assigned any class yet. | | | | |