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| **USE CASE FULL DESCRIPTION** | | |
| **Use Case Name:** | ***Creates new requirement*** | |
| **Scenario:** | Instructor add requirements | |
| **Triggering Event:** | New requirement | |
| **Actors:** | Instructor | |
| **Related Use Case:** | ***Create course*** | |
| **Stakeholders:** | Student Instructor | |
| **Preconditions:** | Course must exist. Student account must exist. | |
| **Post conditions:** | Instructor must be able to add requirement. | |
| **Flow of Activities** | **Actor** | **System** |
|  | 1. Admin creates course. | 1.1 Create new course. |
| 2. Instructor enrolls student | 2.1 Enroll student in a course. |
| 4. Instructor adds requirement. | 3.1 Update task. 3.2 Display task. |
| **Exception Conditions:** | 2.1 If course does not exist, then instructor cannot enroll student in a course. | |

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| **USE CASE FULL DESCRIPTION** | | |
| **Use Case Name:** | ***Updates grades of students*** | |
| **Scenario:** | Instructor updates and check the attendance and grades of students | |
| **Triggering Event:** | Grades change request | |
| **Actors:** | Instructor | |
| **Related Use Case:** | ***Create course Create new requirement Look up for the list of task of student*** | |
| **Stakeholders:** | Student Instructor | |
| **Preconditions:** | Course must exist. Task completed must exist. Student account must exist. | |
| **Post conditions:** | Instructor must be able to update grades of student. | |
| **Flow of Activities** | **Actor** | **System** |
|  | 1. Admin creates course. | 1.1 Create new course. |
| 2. Instructor enrolls student | 2.1 Enroll student in a course. |
| 3. Instructor add task. | 3.1 Create new task. |
| 4. Student take task. |  |
| 5. Student submit task. |  |
| 6. Instructor updates grades. | 6.1 Update grades. 6.2 Display grades. |
| **Exception Conditions:** | 2.1 If course does not exist, then instructor cannot enroll student in a course. 3.1 If the student does not take any task, then there are no grades to update. | |

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| **USE CASE FULL DESCRIPTION** | | |
| **Use Case Name:** | ***Updates schedule of student*** | |
| **Scenario:** | Instructor updates schedule | |
| **Triggering Event:** | Schedule change request | |
| **Actors:** | Instructor | |
| **Related Use Case:** | ***Create course*** | |
| **Stakeholders:** | Student Instructor | |
| **Preconditions:** | Course must exist. Student account must exist. | |
| **Post conditions:** | Instructor must be able to update students schedule. | |
| **Flow of Activities** | **Actor** | **System** |
|  | 1. Admin creates course. | 1.1 Create new course. |
| 2. Instructor enrolls student | 2.1 Enroll student in a course. |
| 3. Instructor updates student schedule. | 3.1 Update student schedule. 3.2 Display student's schedule. |
| **Exception Conditions:** | 2.1 If course does not exist, then instructor cannot enroll student in a course. 3.1 If student's account does not exist, then there is no schedule to update. | |

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| **USE CASE FULL DESCRIPTION** | | |
| **Use Case Name:** | ***Create course*** | |
| **Scenario:** | Admin creates course | |
| **Triggering Event:** | New course | |
| **Actors:** | Admin | |
| **Related Use Case:** |  | |
| **Stakeholders:** | Student Admin Instructor | |
| **Preconditions:** | Admin must have an account. | |
| **Post conditions:** | Admin must be able to create course. | |
| **Flow of Activities** | **Actor** | **System** |
|  | 1. Admin opens the admin site. | 1.1 Display log in page. |
| 2. Admin fills up log in form. | 2.1 Search user account. |
| 3. Admin creates new course. | 3.1 Add new course. 3.2 Display the course added. |
| 4. Admin logs out. | 4.1 Log out user. 4.2 Display log in page. |
| **Exception Conditions:** | 2.1 If account does not exist, then the system will display an error message. | |