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| Use Case ID: | UC14 | |
| Use Case Name: | Create Course | |
| Created By: | Claudia Della Serra | Last Updated By: |
| Date Created: | Marc 26th, 2016 | Last Revision Date: |
| Actor(s): | Primary Actor(s): Administrator | |
| Goal/Actor Goals: | Administrator wishes to add a course to the database of courses | |
| Description/Summary: | The Administrator wishes to add a course to the system’s database of courses by entering its course code, the course description, and the amount of credits awarded by the course. A course may be a section, a tutorial, or a lab. | |
| Preconditions: | * The administrator has logged in. * The administrator has viewed the list of courses in the database. | |
| Post-conditions: | The course is added to the database of courses | |
| Minimum Guarantee: | The database of courses will remain unaltered. | |
| Basic Flow: | 1. Administrator requests to create a course 2. The system presents a page asking for the course id, the course description, and the amount of credits awarded by the course. 3. The Administrator enters the course information and presses submit 4. The system presents the course information, with the options to manage the course or view all courses in the database | |
| Risk assessment: | 3/5 | |
| Importance assessment: | 5/5 | |

The administrator wishes to create a class to be added to the database of courses. Upon viewing the course database, the administrator requests to create a course from the side menu. The system will prompt the administrator for the course information (code, description and amount of credits). Upon entering the course information, the system will record the course as a new course in the database and present the administrator with the course information as it has been recorded.

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| Use Case ID: | UC15 | |
| Use Case Name: | Browse Courses | |
| Created By: | Claudia Della Serra | Last Updated By: |
| Date Created: | Marc 26th, 2016 | Last Revision Date: |
| Actor(s): | Primary Actor(s): Administrator | |
| Goal/Actor Goals: | Administrator wishes to view the database of courses | |
| Description/Summary: | The Administrator wishes to add view the system’s database of courses. From here, the administrator may choose to add a course or manage courses. | |
| Preconditions: | * The administrator has logged in. | |
| Post-conditions: | The course database will be presented | |
| Minimum Guarantee: | The administrator will remain on the home page. | |
| Basic Flow: | 1. Administrator requests to view the course database 2. The system presents a page listing all the courses in the database | |
| Risk assessment: | 2/5 | |
| Importance assessment: | 4/5 | |

The Administrator wishes to view all of the courses in the course database. Upon logging in, he selects the course tab at the top of the page. The system will then present the administrator with a page listing all of the courses in the database. The administrator may search through the list for any courses he wishes to view. The side menu will present the administrator with options to manage or create courses.

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| **UC14** | | **Create Course** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 14.1 | Administrator requests to create a course | | Course creation page is displayed | Create Course page is displayed | Pass |
| 14.2 | Administrator enters a course ID, description and amount of credits | | Course info is registered and displayed | Error: please fix the following input errors   * C Type cannot be blank | Fail |
| 14.3 | Administrator enters a description and credits, but no course ID | | Error message indicating the course ID field has been left blank | Error: please fix the following input errors   * C Type cannot be blank | Fail |
| 14.4 | Administrator enters a course ID and credits, but no description | | Error message indicating the description field has been left blank | Error: please fix the following input errors   * C Type cannot be blank | Fail |
| 14.5 | Administrator enters a course ID and description, but no credits | | Error message indicating the credits field has been left blank | Error: please fix the following input errors   * C Type cannot be blank * Credits cannot be blank | Pass |

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| **UC15** | | **View Courses** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 15.1 | Administrator requests to view courses | | List of all courses in the system is displayed | List of all courses in the system is displayed | Pass |
| 15.2 | Administrator clicks the create course link | | Create course page is displayed | Create course page is displayed | Pass |
| 14.3 | Administrator clicks the manage course link | | Manage courses page is displayed | Manage courses page is displayed | Pass |
| 14.4 | Administrator clicks on a course prerequisite | | Course information for that course is displayed | Course information for that course is displayed | Pass |

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| **UC8** | | **View Academic Record** | | | |
| Test ID | Description | | Expected Output | Actual Output | Result |
| 8.1 | Student requests to view Academic Record | | Page with a record of classes passed and the student’s gpa is displayed |  |  |