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| Use Case Name: | Examine courses |
| Primary Actor: | ***Department Staff*** |
| Brief Description: | The system enables department staff to view the courses and its descriptions offered by its department. |
| Stakeholders: | *Professors, Students and other department staff members.* |
| Trigger: | ***The user clicks on view details link under the course number and name.*** |
| Normal flow of events: | 1. **User ‘Log in’ the application online.** 2. **The courses of the department are listed.** 3. **User clicks on ‘View details’ link.** |
| Subflows: | 1.1) User enters email id and password to login. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘New user’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed. |

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| Use Case Name: | Examine courses |
| Primary Actor: | ***Department Staff*** |
| Brief Description: | The system enables department staff to examine or view the list of courses offered and description by the department. |
| Stakeholders: | *University, Professors and department staff members.* |
| Trigger: | ***The user clicks on view course details.*** |
| Normal flow of events: | 1. **User ‘Log in’ the application online.** 2. **Courses are displayed.** |
| Subflows: | 1.1) User enters email id and password. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘Sign in’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed. |

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| Use Case Name: | Add and Remove courses |
| Primary Actor: | ***Department Staff*** |
| Brief Description: | The system enables department staff to add or remove courses offered by its department. |
| Stakeholders: | *University, Professors and department staff members.* |
| Trigger: | ***The user clicks on add or remove buttons near the course number and name.*** |
| Normal flow of events: | 1. **User ‘Log in’ the application online.** 2. **The courses of the department are listed.** 3. **User clicks on ‘Add/Remove’ button near each course name and number.** |
| Subflows: | 1.1) User enters email id and password to login. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘New user’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed. |

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| Use Case Name: | Change information of the courses |
| Primary Actor: | ***Department Staff*** |
| Brief Description: | The system enables department staff to edit the information of the courses offered. |
| Stakeholders: | *University, Professors and department staff members.* |
| Trigger: | ***The user clicks on edit link under the course number and name.*** |
| Normal flow of events: | 1. **User ‘Log in’ the application online.** 2. **The courses of the department are listed.** 3. **User clicks on ‘Edit’ link.** |
| Subflows: | 1.1) User enters email id and password to login. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘New user’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed. |

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| Use Case Name: | Print Reports |
| Primary Actor: | ***Department Staff*** |
| Brief Description: | The system enables department staff to print a variety of reports about the courses and the students enrolled in them. |
| Stakeholders: | *University, Professors and department staff members.* |
| Trigger: | ***The user clicks on print student-course report option.*** |
| Normal flow of events: | 1. **User ‘Log in’ the application online.** 2. **User clicks on ‘student-course report’ option.** |
| Subflows: | 1.1) User enters email id and password.  2.1) User selects students and courses for the report. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘Sign in’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed.  2.a) If the system fails to produce the report, error message and steps to retry is displayed. |

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| Use Case Name: | Verify no. of courses enrolled by the student |
| Primary Actor: | ***Department Staff*** |
| Brief Description: | The system enables department staff to verify number of courses enrolled by the student. |
| Stakeholders: | *University, Professors and department staff members.* |
| Trigger: | ***The student is unable to add courses.*** |
| Normal flow of events: | 1. **Student logs into the application.** 2. **Courses are displayed.** 3. **Student adds courses.** |
| Sub-flows: | 1.1) User enters email id and password.  2.1) User clicks on the course name. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘Sign in’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed.  3.a) If the student is not able to add courses, number of courses enrolled by the student is verified and message is displayed for the same. |

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| Use Case Name: | Verify fess payment |
| Primary Actor: | ***Department Staff*** |
| Supporting Actor: | ***University Financial office*** |
| Brief Description: | The system enables department staff to verify unpaid fees enrolled by the student. |
| Stakeholders: | *University, Professors and department staff members.* |
| Trigger: | ***The student is unable to view courses.*** |
| Normal flow of events: | **1. Student logs into the application.**  **2. Courses are not displayed.** |
| Subflows: | 1.1) User enters email id and password.  2.1) User clicks on the course name. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘Sign in’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed.  2.a) If the student is unable to view courses, fees payment is verified and message is displayed for the same. |

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| Use Case Name: | Check course availability |
| Primary Actor: | ***Student*** |
| Brief Description: | The system enables student to view the courses offered by the university. |
| Stakeholders: | *University, Professors and department staff members.* |
| Trigger: | ***The user logs into the application.*** |
| Normal flow of events: | 1. **User ‘Log in’ the application online.** 2. **The courses of the department are listed.** |
| Subflows: | 1.1) User enters email id and password. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘Sign in’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed.  2.a) If the student is unable to view courses, fees payment is verified and message is displayed for the same. |

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| Use Case Name: | Add and drop courses |
| Primary Actor: | ***Student*** |
| Brief Description: | The system enables students to add or drop courses. |
| Stakeholders: | *University, Professors and department staff members.* |
| Trigger: | ***The user clicks on add or drop button near the course number and name.*** |
| Normal flow of events: | 1. **User ‘Log in’ the application online.** 2. **The courses of the department are listed.** 3. **User clicks on Add/Drop button.** |
| Subflows: | 1.1) User clicks on the course. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘Sign in’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed.  3.a) If the student is not able to add courses, number of courses enrolled by the student is verified and message is displayed for the same. |

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| Use Case Name: | Examine enrolled courses |
| Primary Actor: | ***Student*** |
| Brief Description: | The system enables students to examine or view the list of courses they have enrolled in. |
| Stakeholders: | *University, Professors and department staff members.* |
| Trigger: | ***The user clicks on view enrolled courses.*** |
| Normal flow of events: | 1. **User ‘Log in’ the application online.** 2. **User clicks on ‘View enrolled courses’** |
| Subflows: | 1.1) User enters email id and password. |
| Alternate/Exception flow: | 1.a) If user is new, then ‘Sign in’ page is displayed.  1.b) If the user fails to login and clicks on ‘Forget password’, reset password page is displayed.  2.a) If no courses are displayed, then message to add courses is displayed. |