**Note:** Here Admin is and User is Student

**Brief Description**

The *System Log-In/Log-Out* use case assists users and administration in logging into the database to retrieve and/or input information.

**Step-by-Step Description**

1. Admin/User pulls up log in page.
2. User name and password are entered.
3. Site authenticates and directs to specific homepage (Admin or User).
4. Admin/User completes task.
5. Clicks log out.
6. System logs them out.

**Brief Description**

The *Add User* use case shows Admin adding students into database for the first time.

**Step-by-Step Description**

1. Admin logs into system.
2. User name and password are entered.
3. System authenticates as admin.
4. Screen displays Admin Homepage.
5. Admin clicks to add student.
6. Form to fill out displays on screen.
7. Admin enters information
   1. User First Name
   2. User Last Name
   3. User username
   4. User password
8. Admin clicks submit.
9. Confirmation of information saved displays.
10. Screen switches to homepage.
11. Admin clicks logout.
12. System logs Admin out.

**Brief Description**

The *Update Student Record* use case shows Admin updating student records into database for the first time.

**Step-by-Step Description**

1. Admin logs into system.
2. User name and password are entered.
3. System authenticates as admin.
4. Screen displays Admin Homepage.
5. Admin clicks update in the Action column.
6. Form to fill out displays on screen.
7. Admin can update the following information
   1. First Name
   2. Last Name
   3. Username
   4. Password
8. Admin clicks submit.
9. Confirmation of information saved displays.
10. Screen switches to homepage.
11. Admin clicks logout.
12. System logs Admin out.

**Brief Description**

The *Delete Student* use case shows Admin deleting students into database for the first time.

**Step-by-Step Description**

1. Admin logs into system.
2. User name and password are entered.
3. System authenticates as admin.
4. Screen displays Admin Homepage.
5. Admin clicks delete in the Action column.
6. Form to fill out displays on screen.
7. Admin can delete the following information
   1. First Name
   2. Last Name
   3. Username
   4. Password
   5. Role
8. The information is eliminated from the user table.
9. Admin clicks logout.
10. System logs Admin out.

**Brief Description**

The *Add Course* use case shows Admin creating courses in the database for the first time.

**Step-by-Step Description**

1. Admin logs into system.
2. User name and password are entered.
3. System authenticates as admin.
4. Screen displays Admin Homepage.
5. Admin clicks add course.
6. Form to fill out displays on screen.
7. Admin enters information
   1. Course Title
   2. Course Credits
   3. Description
   4. Faculty ID
8. Admin clicks submit.
9. Confirmation of information saved displays.
10. Screen switches to Admin Homepage.
11. Admin clicks log out.
12. System logs Admin out.

**Brief Description**

The *Delete Course* use case shows Admin creating courses in the database for the first time.

**Step-by-Step Description**

1. Admin logs into system.
2. User name and password are entered.
3. System authenticates as admin.
4. Screen displays Admin Homepage.
5. Admin clicks delete in the Actions column.
6. Form to fill out displays on screen.
7. Admin deletes information
   1. Course Title
   2. Course Credits
   3. Description
   4. Faculty ID
8. Admin clicks submit.
9. The course is deleted from the courses table.
10. Admin clicks log out.
11. System logs Admin out.

**Brief Description**

The *Input Grades* use case shows Admin adding grade into database.

**Step-by-Step Description**

1. Admin logs into system.
2. User name and password are entered.
3. System authenticates as admin.
4. Screen displays Admin Homepage.
5. Admin clicks add grade.
6. Form to fill out displays on screen.
7. Admin enters information
   1. Student ID
   2. Course ID
   3. Grade
8. Admin clicks submit.
9. Confirmation of information saved displays.
10. Screen switches to Admin Homepage.
11. Admin clicks log out.
12. System logs Admin out.

**Brief Description**

The *View GPA* use case shows a user retrieving GPA.

**Step-by-Step Description**

1. User logs into system.
2. Username and password are entered.
3. System authenticates as user.
4. Screen displays user homepage.
5. User clicks GPA button.
6. GPA is displayed under the user's information.
7. User clicks log out.
8. System logs user out.