Use Case Specification: _User Login_

1.1. Brief Description

This use case allows the users including admin, students, and faculty to log in to the application system.

1.2. Actors

Student, Faculty, and Administrator

1.3. Preconditions

- The user is able to access the application

1.4. Flow of Events

Basic Flow

User Action	System Response
1. User navigates to login page.	1. Login page is displayed and has form with username and password fields.
2. User enters username and password and submits the form.	2. The user is logged in and displayed a page as per their role. 2.1. For admin, a page with all privileges such as user creation etc is displayed. 2.2. For student or faculty, a profile page is displayed

Alternate Flow: User provides an invalid user id and password

User Action	System Response
1. User provides invalid user id and password.	1. System provides an error message and re-displays the login page.

1.5. Post-Conditions

A record is added to the user DB with new login information.

1.6. Business Rules

- User must have valid username and password from admin in order to be able to login.
- If the provided username and password is incorrect, an error message should be displayed.
- In case of admin login, s/he should be displayed a page with all accesses to create user, block, section, entry etc.
- In case of faculty or student login, s/he should be displayed a profile page.

1.7. Nonfunctional Requirements

None.