

UNIVERSITY MODEL

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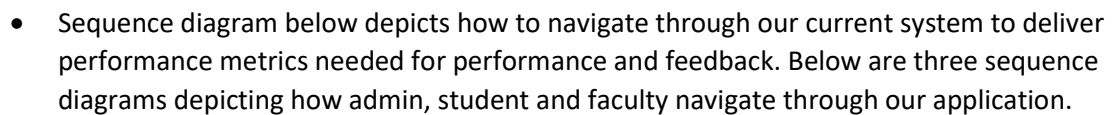
Model Purpose:

- The application's main purpose is for the University admins to monitor the university's performance, based on various factors. This model will take into consideration student performance, faculty performance, alumni performance, and other factors to maintain a score for each entity. Using test and data from fakes class, we can keep track of the details of our alumni. Overall, we will maintain a score for each of the required entities and assign a rank based on their score which will be displayed to the University Admins.

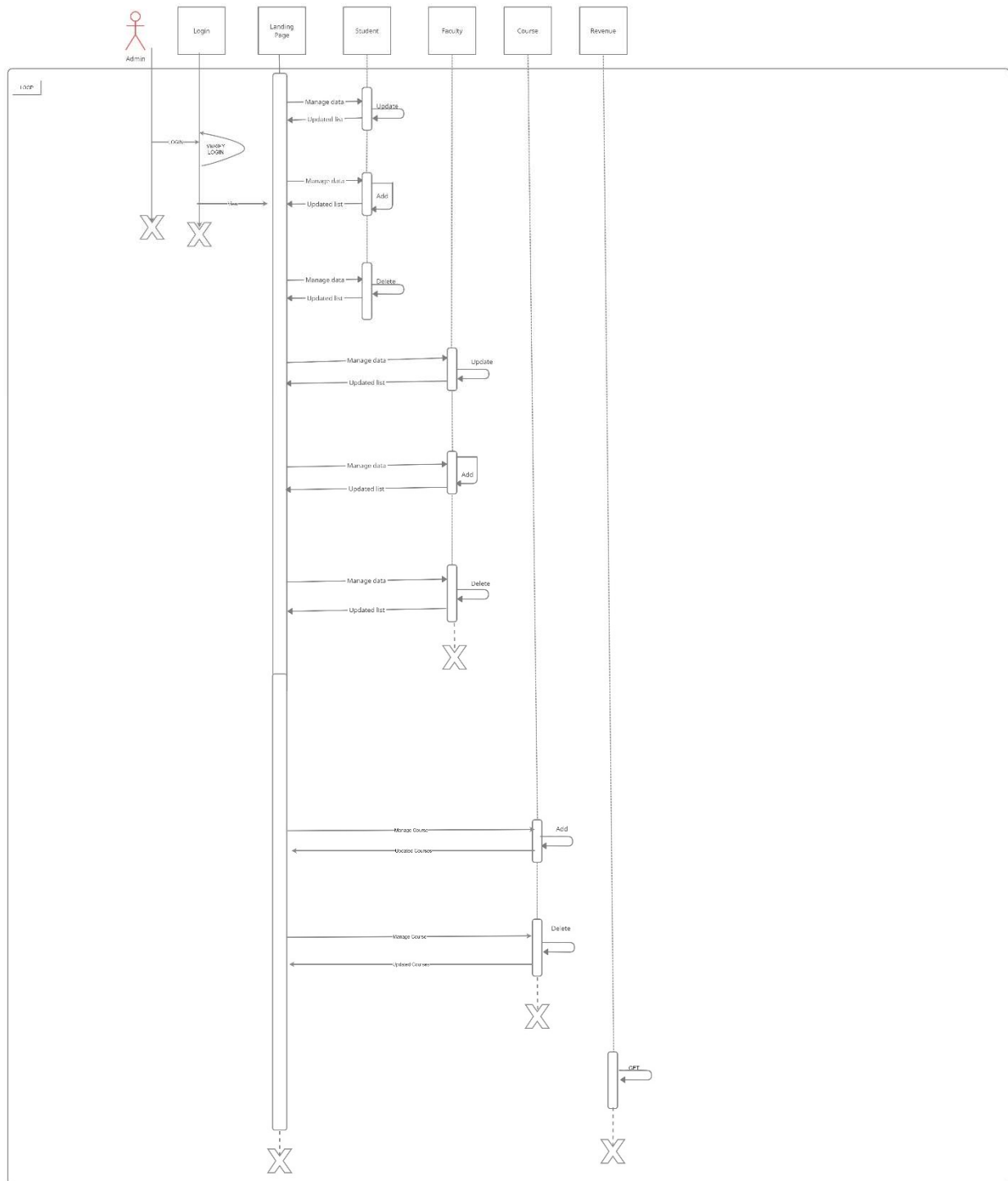
Basic Workflow of Our Ranking System:

- Our system allows different login page each for Admin, Student and Faculty.
- As an Admin, capabilities are to add/delete a new course, department, faculty, college and view/edit a basic benchmark for ranking of courses, department, faculty, college based on various factors.
- As a Student, they can view courses taken in a semester and view grades for each course. Student can view rating of each course, faculty associated with that course and can add/drop courses accordingly. Student can also view dashboards depicting comparison of courses, faculty which help them pursue job-focused or research courses. Student can also provide feedback for each course which helps college and faculty to improve their courses.
- As a Faculty, they can view courses in given semester and see seats assigned for that course and students registered. Also, he can grade performance of students and view dashboard/feedback for any improvement of courses.

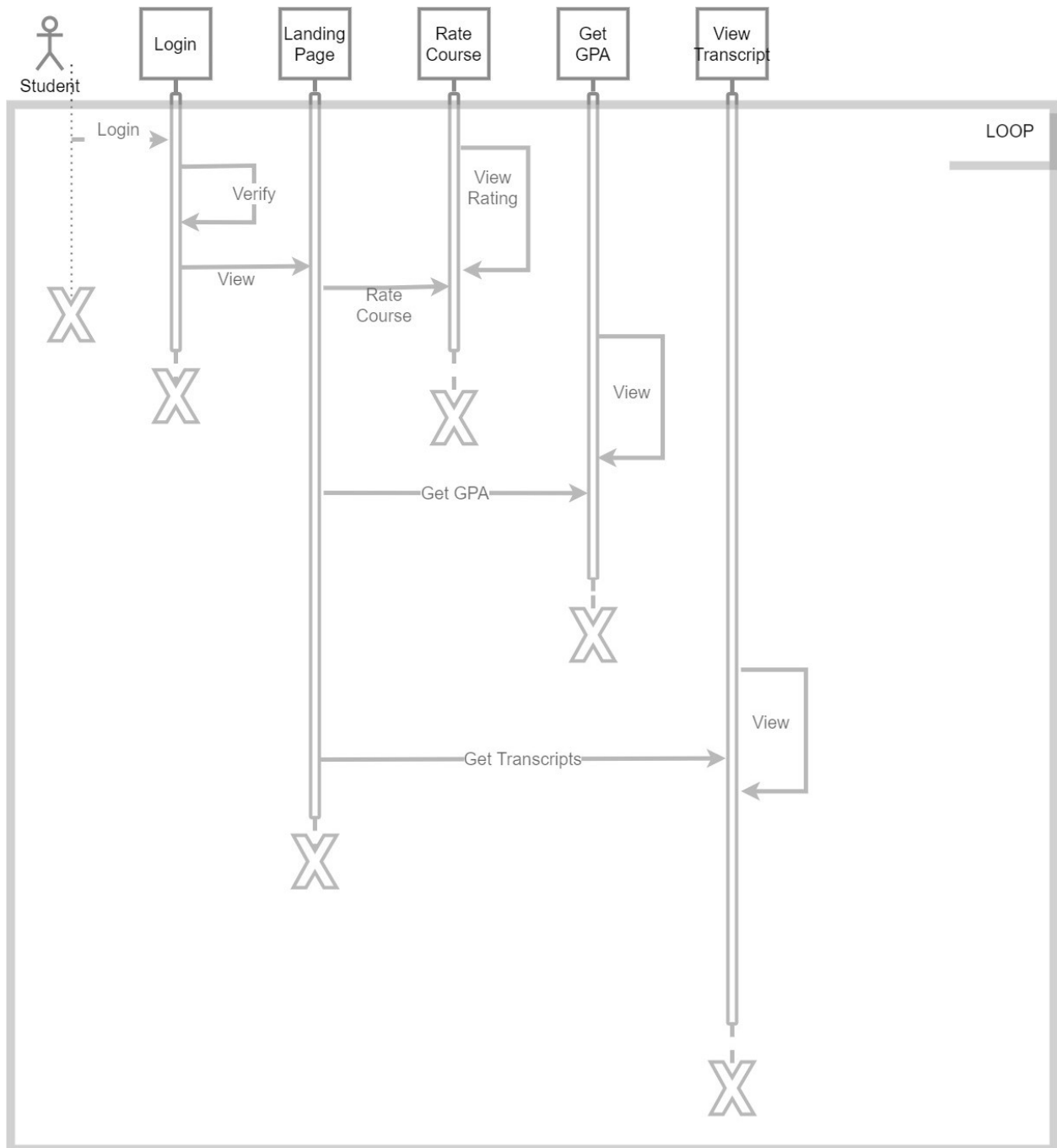
Sequence Diagram:



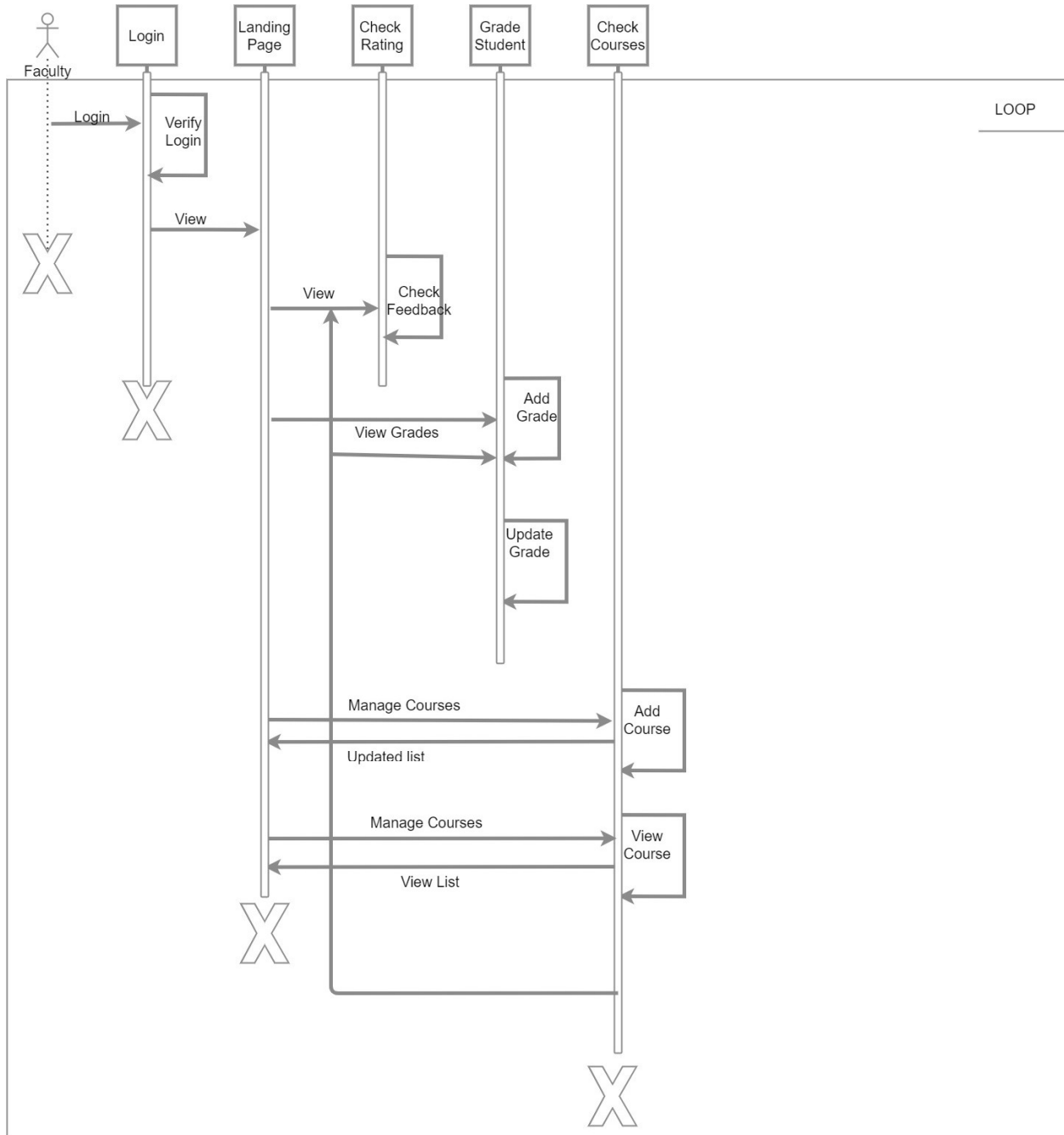
Admin:



Student:

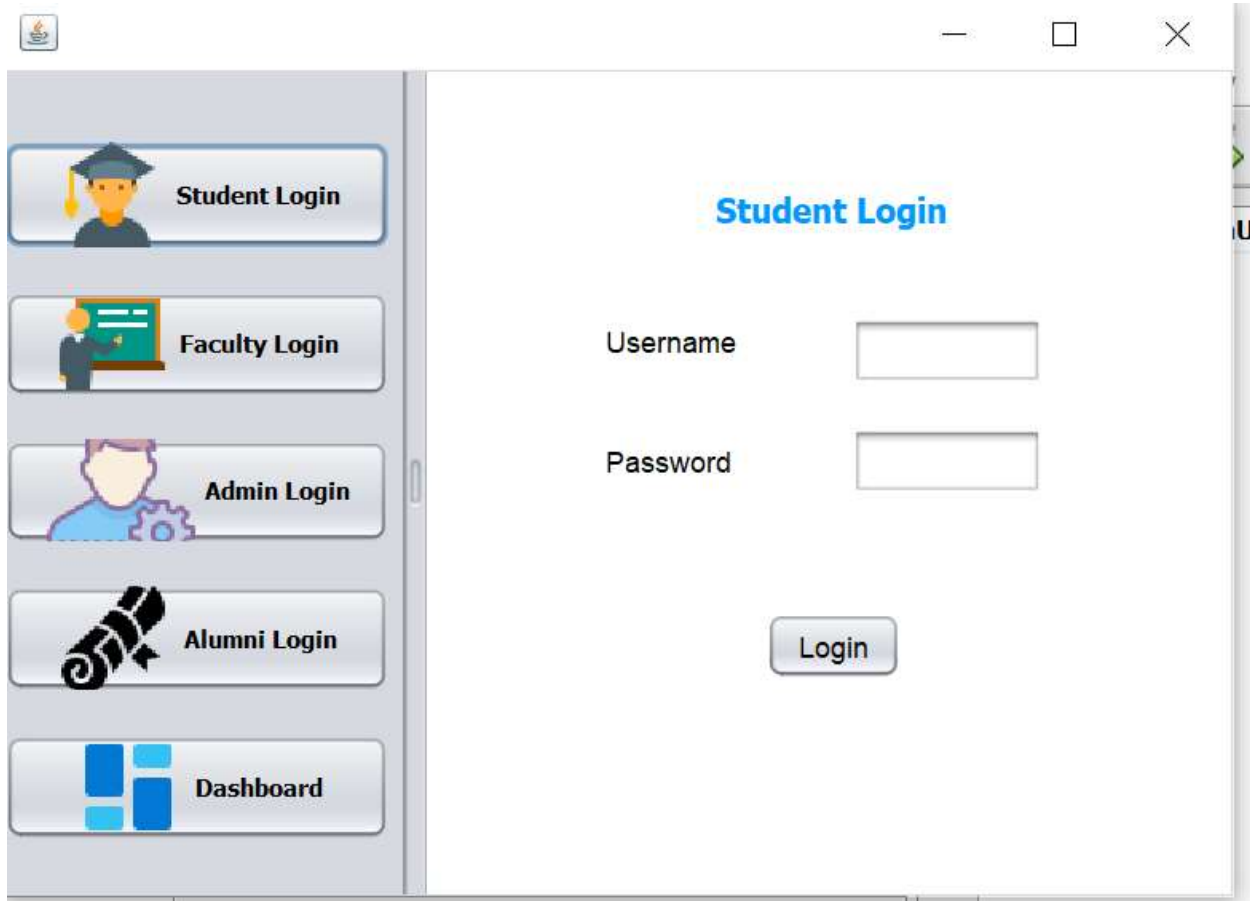


Faculty:



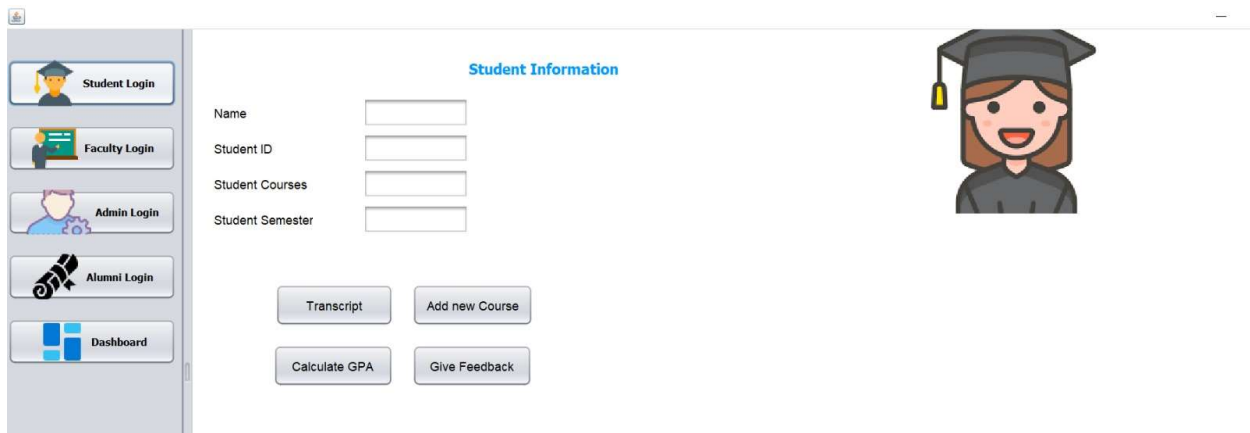
Screenshots of our application:

1. Student Login Page:



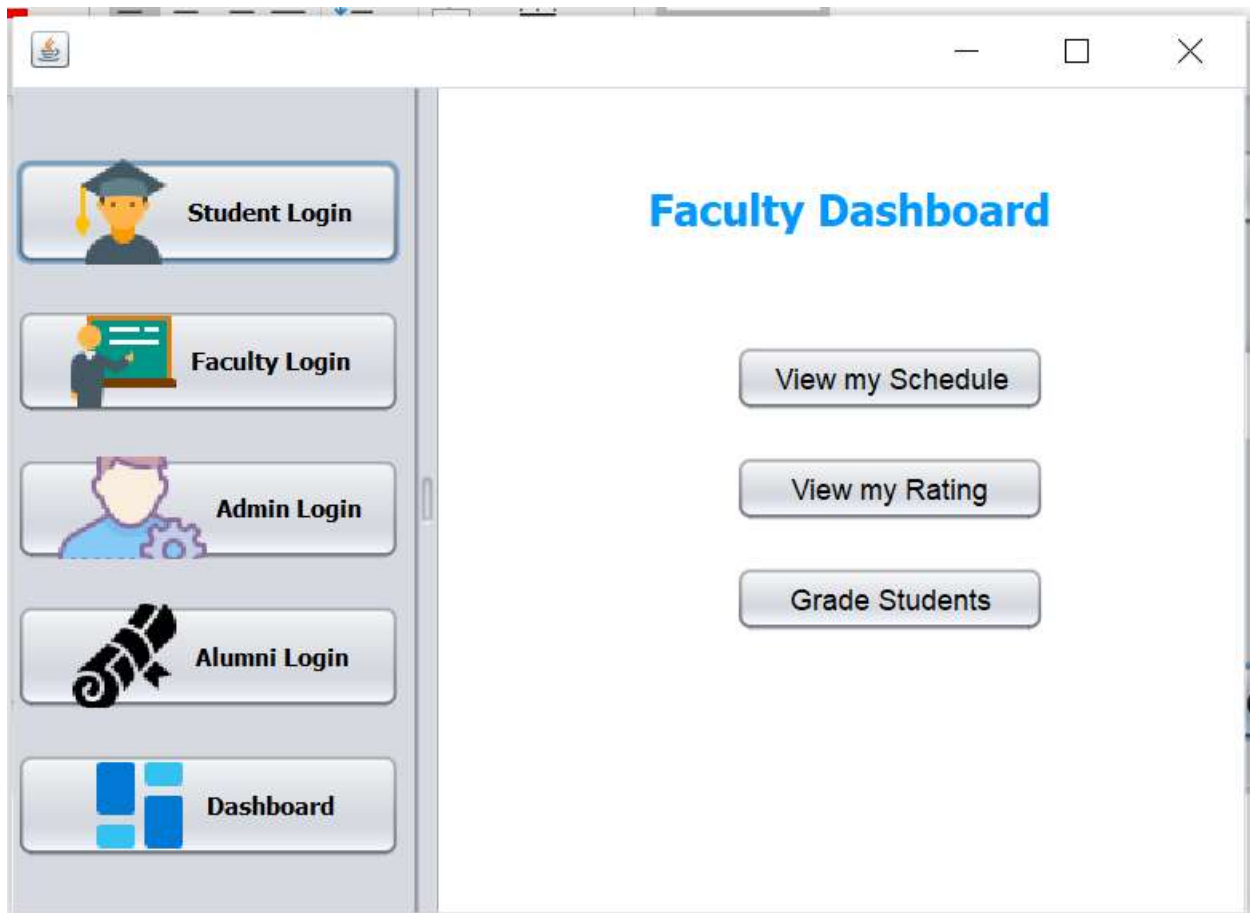
The screenshot shows a web application window titled "Student Login". On the left is a vertical sidebar with five buttons: "Student Login" (with a graduation cap icon), "Faculty Login" (with a teacher at a chalkboard icon), "Admin Login" (with a person and gear icon), "Alumni Login" (with a rolled diploma icon), and "Dashboard" (with a grid icon). The main content area has the title "Student Login" in blue. Below the title are two input fields labeled "Username" and "Password". A "Login" button is positioned below the password field.

2. Student Landing Page:

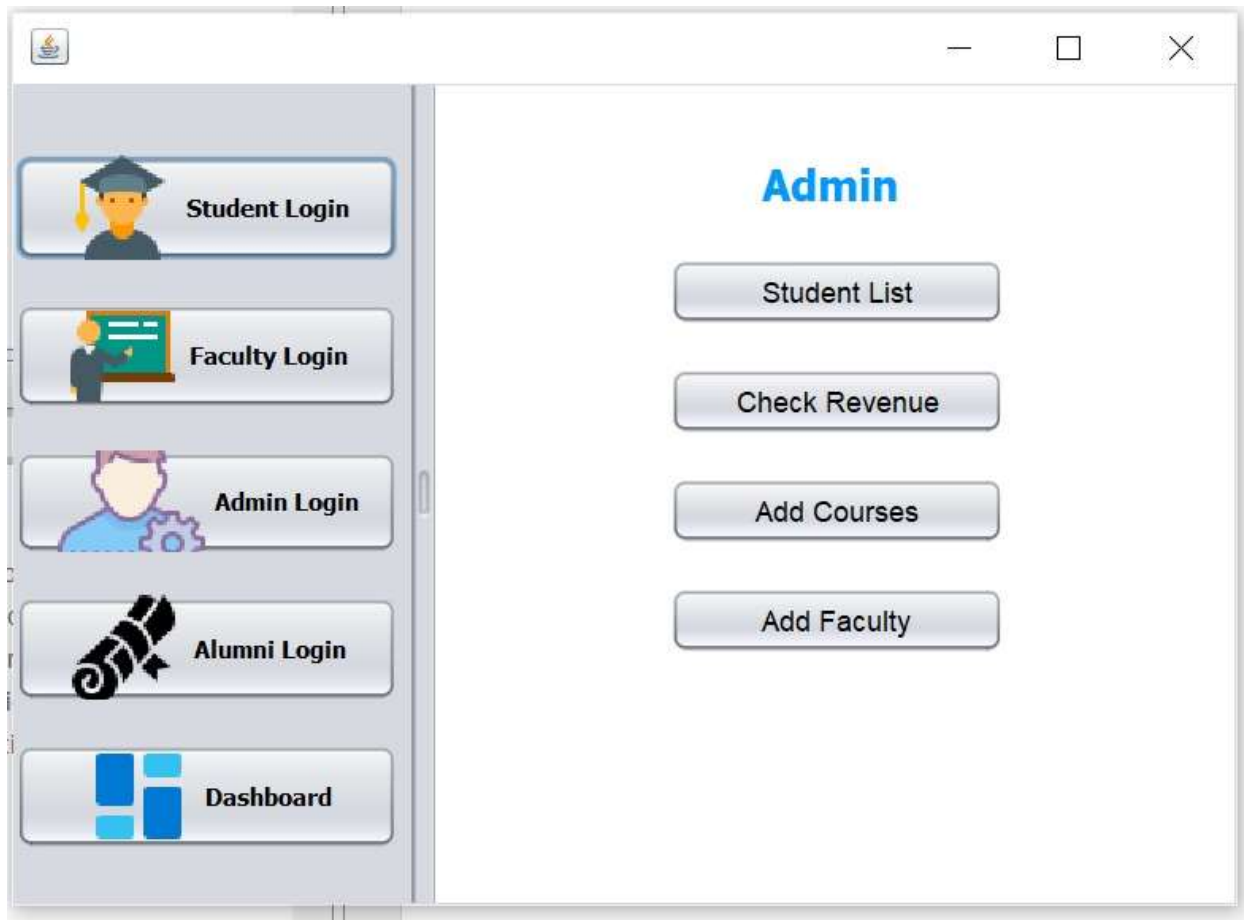


The screenshot shows a web application window titled "Student Landing Page". On the left is a vertical sidebar with five buttons: "Student Login" (with a graduation cap icon), "Faculty Login" (with a teacher at a chalkboard icon), "Admin Login" (with a person and gear icon), "Alumni Login" (with a rolled diploma icon), and "Dashboard" (with a grid icon). The main content area has the title "Student Information" in blue. Below the title are four input fields labeled "Name", "Student ID", "Student Courses", and "Student Semester". To the right of these fields is a large cartoon illustration of a female student wearing a graduation cap. Below the input fields are four buttons: "Transcript", "Add new Course", "Calculate GPA", and "Give Feedback".

3. Faculty Landing Page:



4. Admin Landing:



5. Alumni Landing Page:

The screenshot shows a web application window titled "Alumni Landing Page". The interface is divided into a left sidebar and a main content area. The sidebar contains five buttons: "Student Login" (with a graduation cap icon), "Faculty Login" (with a teacher at a chalkboard icon), "Admin Login" (with a person and gear icon), "Alumni Login" (with a diploma icon), and "Dashboard" (with a blue square icon). The main content area has a heading "Welcome back Alumni!!" in blue. Below the heading are four form fields: "Name" (text input), "Graduation Year" (text input), "Employed?" (radio buttons for "Yes" and "No"), and "Salary" (text input). A "Download Transcript" button is located at the bottom right of the main content area.

Student Login

Faculty Login

Admin Login

Alumni Login

Dashboard

Welcome back Alumni!!

Name

Graduation Year

Employed? ☐ Yes ☐ No

Salary

[Download Transcript](#)

6. Dashboard Options

The screenshot shows a web application window with a sidebar on the left and a main content area on the right. The sidebar contains five buttons: 'Student Login' (with a graduation cap icon), 'Faculty Login' (with a teacher at a chalkboard icon), 'Admin Login' (with a person and gear icon), 'Alumni Login' (with a rolled diploma icon), and 'Dashboard' (with a blue square icon). The main content area has three tabs: 'College Ranking' (selected), 'Faculty Ranking', and 'Performance'. Below the tabs, there is a 'College' label followed by a dropdown menu showing 'College of Engineering'. Below the dropdown is a text input field containing 'College of Engineering'. At the bottom of the main content area is a 'Get Rank' button.

College Ranking Faculty Ranking Performance

College College of Engineering ▼

College of Engineering

Get Rank

7. Reports for reference:

