

Student Ranking Dashboard

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Problem Statement	Student Dashboard

1. Introduction

1.1. Purpose:

The purpose of this document is to provide a comprehensive description of the Student Ranking Dashboard system. This system is designed to manage and display student performance data, facilitate administrative tasks, and enable faculty to input student marks. This document outlines the system's objectives, functionalities, user interfaces, operational constraints, and expected responses to external z. It aims to ensure that all stakeholders have a clear understanding of what the system will achieve and how it will operate.

1.2. Scope of Project:

- The system provides students with access to their academic and placement performance metrics, including ranks, scores, attendance, GitHub profile evaluations, and project ranks. They can also view their participation in company placements and access a comprehensive personal dashboard.

- Administrators can filter student data based on various company queries for their hiring and utilize an analytical dashboard for in-depth oversight of student performance and system activities.

2. System Overview:

2.1. Users:

1. Students:

- Register and log in to access their personal dashboard.
- View their academic and placement performance metrics, including rank, scores, attendance, GitHub profile evaluation, and project rank.
- Monitor the number of companies they have engaged with during placements.

2. Admins:

- Filter and view student information based on company-specific queries.
- Assign faculty members to individual students.
- Access an analytical dashboard for detailed oversight of student performance and system activities.

3. Faculty:

- Input and update marks for students.
- Access student performance data relevant to their responsibilities.

2.2. Features:

1. Login and Registration:

- Allows students, admins, and faculty to create accounts and log in securely.

2. Student Dashboard:

- Displays a comprehensive view of student performance, including academic scores, placement performance, attendance, GitHub profile evaluation, and project rank.

3. Marks Entry (Faculty):

- Provides an interface for faculty to enter and update student marks.

4. Student Filtering (Admin):

- Enables admins to filter student data based on specific company queries.

5. Faculty Allotment (Admin):

- Allows admins to assign faculty members to specific students for mentorship or evaluation purposes.

6. Admin's Analytical Dashboard:

- Offers a range of analytical tools for admins to view statistics related to student performance, faculty allotments, and company engagements.

3.1 Functional Requirements:

User Management:

- Secure registration and login for students, admins, and faculty.
- Role-based access control to ensure that only authorized users can access specific functionalities.

Student Dashboard:

- Real-time display of student performance metrics.
- Historical performance data and trends.

Marks Management:

- Faculty can input and update student marks, which will automatically update student rankings and related metrics.

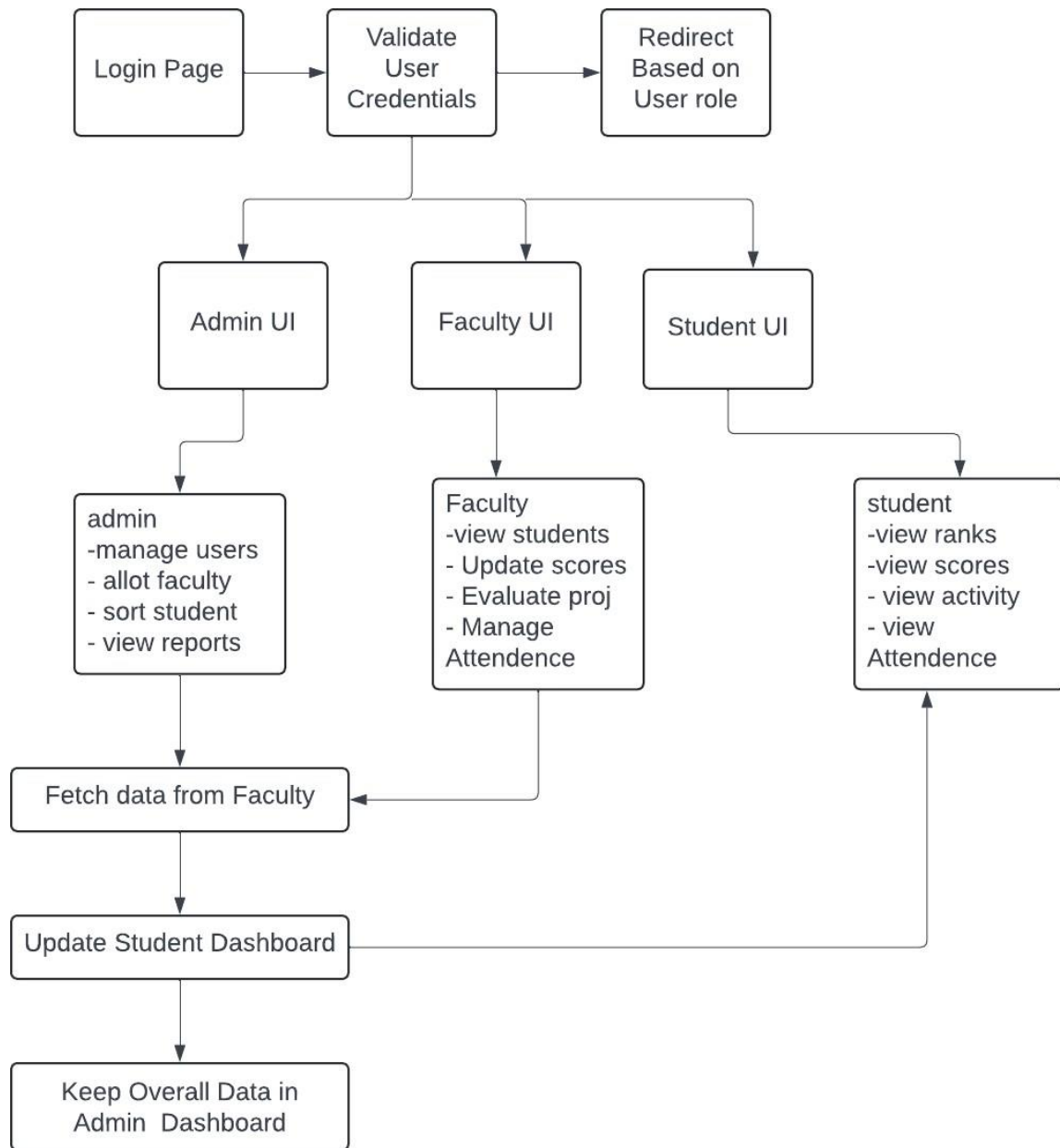
Filtering and Allotment (Admin):

- Admins can filter students based on various criteria related to company queries.
- Admins can assign faculty to students based on specific needs or criteria.

Analytics Dashboard (Admin):

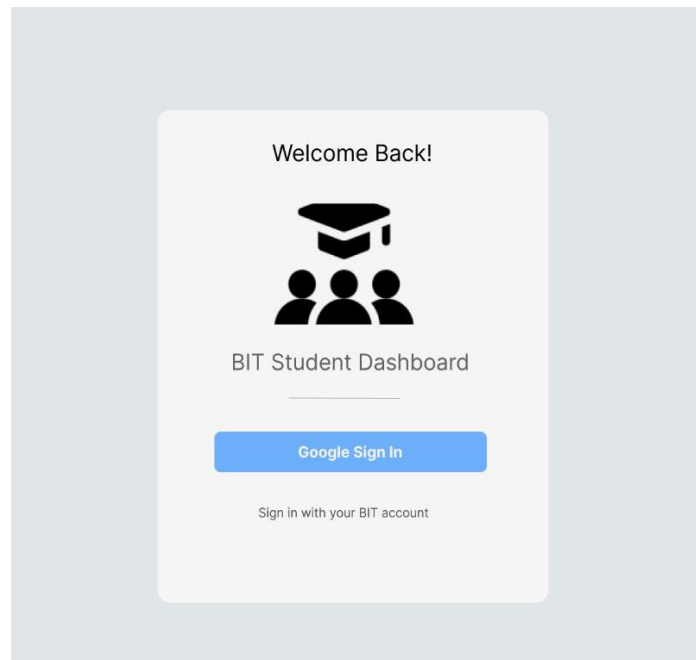
- Provides detailed insights and analytics on student performance, faculty engagement, and company-related activities.

Overall Flowchart:





Prototype of the Project:


1. Login form





2. Student's view


 STUDENT DASHBOARD


 Profile


 Activity


 Percentage

 Logout

 Assessment Status


 Placement Status

 Github update status

 Mock interview status

LEVEL	POINTS	RANK
C	200	45
DSA	250	22
JAVA	150	72
FULL STACK	250	39

3. Faculty view

 FACULTY

S

View Students

Enter/Update Scores

Evaluate Projects

Manage Attendance

Evaluate Projects


Student ID:

Project:

Evaluation:

Submit Evaluation

3. Admin view

 ADMIN PORTAL

M

Home

Allocate faculty

Sort Student


Logout

Overall Student Ranking

Student details

Company details

Faculty details



C

DSA

JAVA

FULL STACK