Basic Details of the Team and Problem Statement

PS Code: Open Innovation

Problem Statement Title: NAAC Accreditation Portal

Team Name: Code Slayer

Team Leader Name: Sawardekar Sujal Sunil

Institute Code (AISHE): C-34156

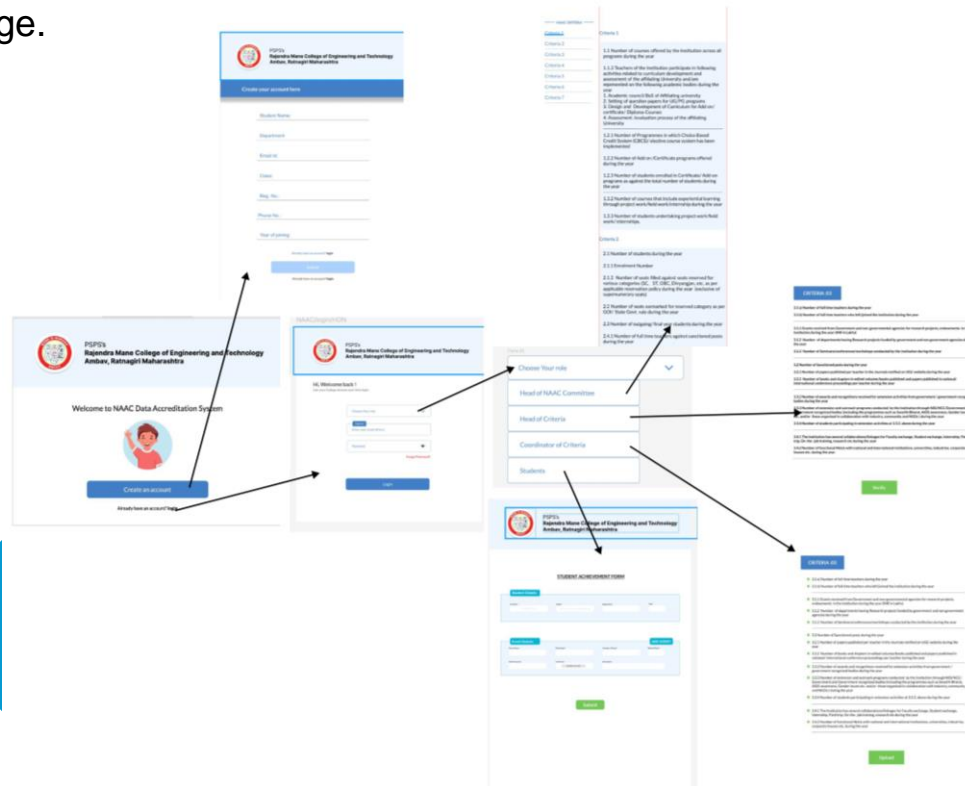**Institute Name:** Rajendra Mane College of Engineering & Technology
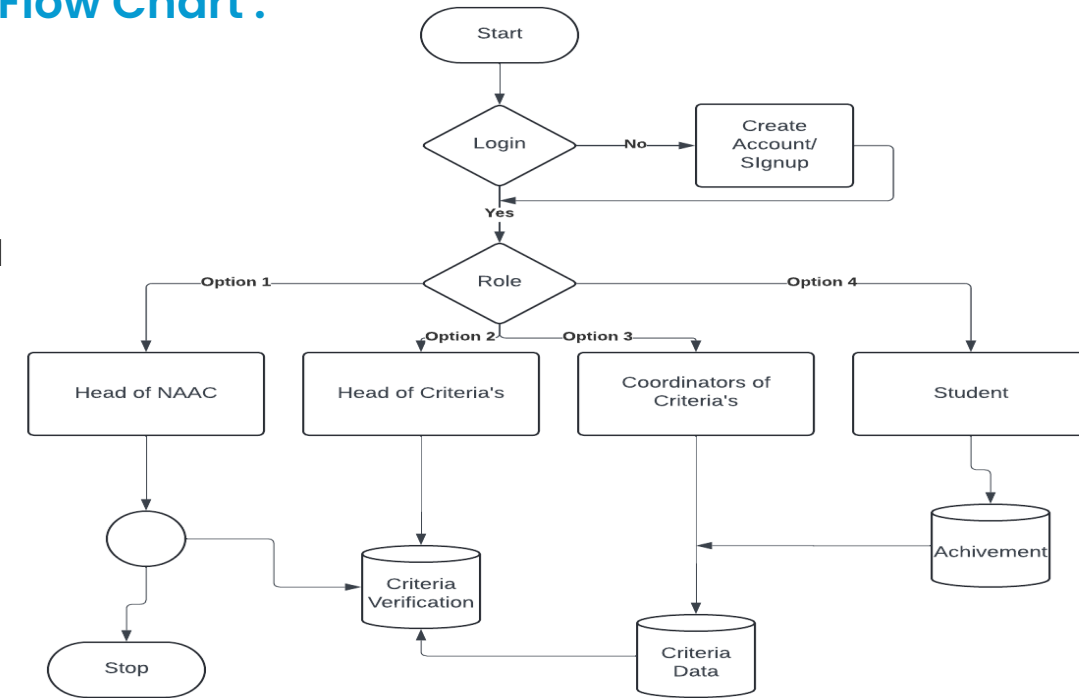
Theme Name: Student innovation

Idea/Approach Details

Description of our prototype

We are developing a unified platform to manage and showcase information for all seven NAAC Accreditation criteria. The portal will have different access levels: students can submit achievement data, criteria coordinators can manage their specific criteria, individual criteria heads can only access their own criteria, and the main head of NAAC can access all information across criteria. This system centralizes data, saving time and eliminating the need for emails and Google Drive storage.

Flow Chart :

Technological Stack

Frontend: Html,Css,JavaScript

Backend: Javascript Framework: Reactjs, Bootstrap
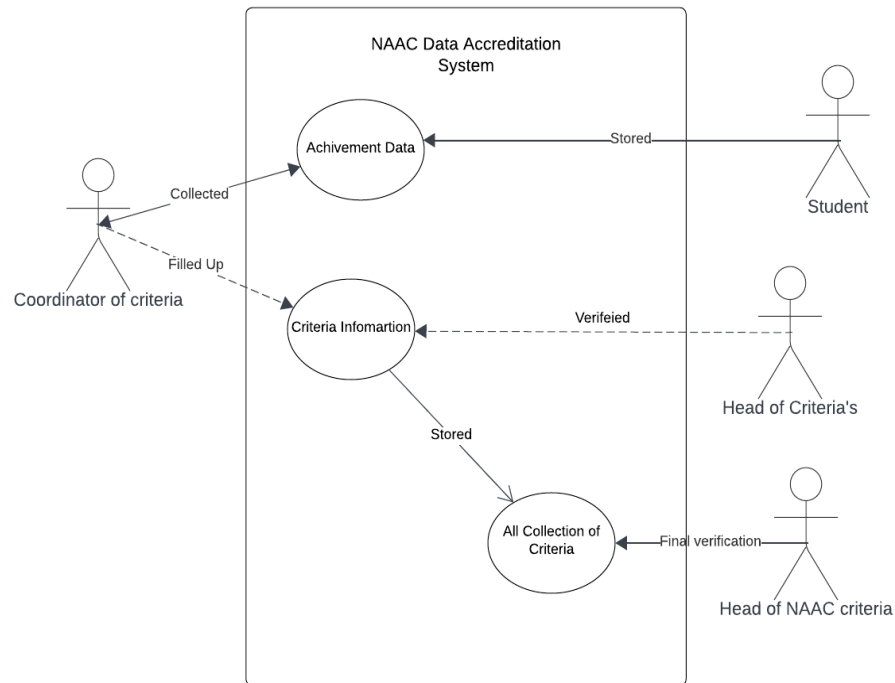
Database: MongoDb

Cloud providing: AWS

Version Control: Github

Additional Tool: Figma

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Idea/Approach Details

Description of Use Cases:

The NAAC Data Accreditation System diagram shows the workflow for handling accreditation data. Students submit their achievement data, which gets stored in the system. The Coordinator of Criteria gathers and enters criteria information, which the Head of Criteria verifies. After verification, the compiled criteria information is stored. The Head of NAAC Criteria conducts a final verification of the collected criteria.

Dependencies / Show stopper

Dependencies:-

Frontend: HTML, CSS, JavaScript, React.js
Backend: Python, Flask/Django
Database:MongoDB
Cloud: AWSVersion
Control: GitHub
Design: Figma

Showstoppers:-

Integration Issues: Frontend-backend integration, AWS service communication
Database Connectivity: Stable connections to MongoDB
Scalability and Performance: Handling user loads, performance optimization
Security: Authentication, authorization, data protection
Version Control: Managing merge conflicts on GitHub
Design and Usability: Intuitive UI/UX, addressing feedback
Deployment: Configuring AWS, managing
CI/CDDependencies: Compatibility, handling updates

Team Member Details

Team Leader Name: Sujal Sunil Sawardekar

Branch : BE   **Stream : Computer Engineering**   **Year : III**

Team Member 1 Name: Subodh Uttam Muneshwar

Branch : BE   **Stream : Computer Engineering**   **Year : III**

Team Member 2 Name: Uday Manohar Sawant

Branch : BE   **Stream : Computer Engineering**   **Year : III**

Team Member 3 Name: Vedant Sushil Shinde

Branch : BE   **Stream : Computer Engineering**   **Year : III**

Team Member 4 Name: Vishalini Venkatrajam Ankam

Branch : BE   **Stream : Computer Engineering**   **Year : III**

Team Member 5 Name: Pranjal Suhas Sawant

Branch : BE   **Stream : Computer Engineering**   **Year : III**