



Student Name: AKASH K

Seat No: 393

Project ID: 33

Project title: BIT Linked In

Technical Components

Component	Tech Stack
Backend	Spring Boot
Frontend	REACT
Database	MySQL
API	RESTful services

Implementation Timeline

Phase	Deadline	Status	Notes
Stage 1	29/04/2024	In Process	Planning and Requirement gathering
Stage 2			Design and Prototyping
Stage 3			DB Designing
Stage 4			Backend Implementation
Stage 5			Testing & Implementation

PROBLEM STATEMENT:

To create Login credentials using BIT sathy mail ID. All facilities inside a general LinkedIn portal should be reflected. Need messaging facility among the peers. Provide a Job search platform wherein the students could search for jobs/ internships based on their interests. Separate Link to know about the BIT on-campus placement drives and results. Portal to design a resume professionally (Separate plugins should be added to design a resume on submitting the details).

PROJECT-FLOW:

Purpose:

Creating a comprehensive portal for students at BIT S with features similar to LinkedIn, including login credentials using their university email(bitsathy.ac.in), a messaging system, job search platform, on-campus placement information, and a professional resume design tool, involves several steps. Here's a detailed document outlining the process:

Scope:

The scope of a comprehensive student portal for BIT designed to offer features similar to LinkedIn, is quite extensive. It aims to provide a centralized platform that caters to various aspects of the students' academic and professional development needs.

USERS:

- Student
- Staff(teaching and non-teaching faculty)
- Alumni
- Placement admin staff

Login Credentials Creation

1. Authentication System:

- Implement an authentication system that allows students to register and log in using their BIT Sathy mail ID. This system should verify the student's email address and provide secure access to the portal. Data encryption and privacy protection.
- Authentication is successfully completed can you access the portal

2. Database Management:

- Set up a database to store user credentials and profile information securely.

Personalized Student Profiles

- Customizable profiles with academic and professional details.]
- Integration with the university's database for real-time data updates

Messaging Facility

1. Direct Messaging:

- Integrate a messaging system that enables students to communicate directly with their peers.

2. Group Chats:

- Provide the ability to create group chats for collaborative projects and discussions.

3. Networking and Community Building:

- Features to connect with peers, alumni, and faculty.
- Groups and forums for discussions and networking.

4. Academic Information Access:

- Real-time access to grades, schedules, and course materials.
- Notifications for important academic dates and events.

5. Messaging and Communication:

- Direct messaging system for peer-to-peer communication.
- Group messaging for collaborative projects and study groups.

Job Search Platform

1. Job Listings:

- Create a job board where companies can post job and internship opportunities.

2. Search and Filter:

- Implement search functionality with filters based on interests, location, and job type.

3. Application Management:

- Allow students to apply for jobs and internships directly through the portal.

On-Campus Placement Drives and Results

1. Placement Drive Information:

- Provide a dedicated section for upcoming on-campus placement drives, including dates, participating companies, and eligibility criteria.

2. Results and Analytics:

- Offer a feature to check placement results and provide analytics on placement trends.

3. Career Development and Job Search

- Job and internship listings tailored to students' interests.

- Application tracking and management within the portal.

4. On-Campus Placement Drive Information

- Dedicated section for placement drive schedules and company information.
- Access to placement results and success stories.

Professional Resume Design

1. Resume Builder:

- Incorporate a resume builder tool with customizable templates and pre-written content tailored to various industries.

2. Generation of resume:

- Resume is generated from our profile data there is no external form

3. Export Options:

- Enable students to download their resumes in multiple formats, such as PDF and Word.

Administrative and Support Services

- Online administrative processes like fee payments and document requests.
- Access to support services such as counseling and career advice. Analytics and Reporting
- Dashboard for students to track their academic and application progress.
- Analytics for the university to monitor engagement and placement success rates.

Implementation Considerations

- **User Interface:** Design an intuitive and user-friendly interface.
- **Accessibility:** Ensure the portal is accessible on various devices, including smartphones and tablets.
- **Security:** Implement robust security measures to protect sensitive student data.
- **Maintenance:** Plan for regular updates and maintenance of the portal to keep it running smoothly.

Development Considerations

- **Scalability:** The portal should be scalable to accommodate the growing number of users and expanding features.
- **User Experience:** A focus on intuitive design and navigation to ensure ease of use.
- **Integration:** Seamless integration with existing university systems and third-party services.
- **Compliance:** Adherence to educational regulations and standards.

- **Feedback Mechanism:** Incorporating user feedback to continuously improve the portal.

This document serves as a high-level overview of the proposed student portal. Each feature would require detailed planning, development, and testing to ensure a successful implementation.

FLOW CHART



