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Seat No: 233

Project ID: 33

Project title: BIT-LinkedIn portal

Technical Components

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

Implementation Timeline

Phase	Deadline	Status	Notes
Stage 1	03/05/2024	Approved ˅	Planning and Requirement gathering
Stage 2		In Progress	Design and Prototyping
Stage 3		Not Started	DB Designing
Stage 4		Not Started	Backend Implementation
Stage 5		Not Started	Testing & Implementation

PROBLEM STATEMENT:

- **BIT Sathy Email Login:** Develop a portal that uses BIT Sathy email IDs for secure login and authentication.
- **LinkedIn-like Features:** Integrate features similar to LinkedIn, peer-to-peer messaging.
- **Professional Resume Builder:** Implement a resume-building tool with plugins that allow students to create and customize professional resumes by submitting their details.
- **Job Search and Placement Info:** Provide a job search platform for finding jobs and internships, along with a dedicated section for BIT on-campus placement drives and results.

PROJECT-FLOW:

Purpose:

To create a comprehensive portal for BIT Sathy students that combines secure access with LinkedIn-like networking, job search, and messaging features.

Scope:

Secure, user-friendly portal that integrates networking, job search, placement information, and resume-building features for BIT Sathy students.

Consideration:

- All users possess active Google accounts for authentication.
- Users have regular access to internet-enabled devices.

Dependencies:

- Integration with Google OAuth for user authentication.

User personas:

- **Student:** Needs an up-to-date schedule to effectively plan activities.
- **Faculty:** Share relevant job opportunities and placement information.
- **Admin Staff:** Manages user accounts, monitors portal activity, updates placement results, and ensures the smooth operation of the system.
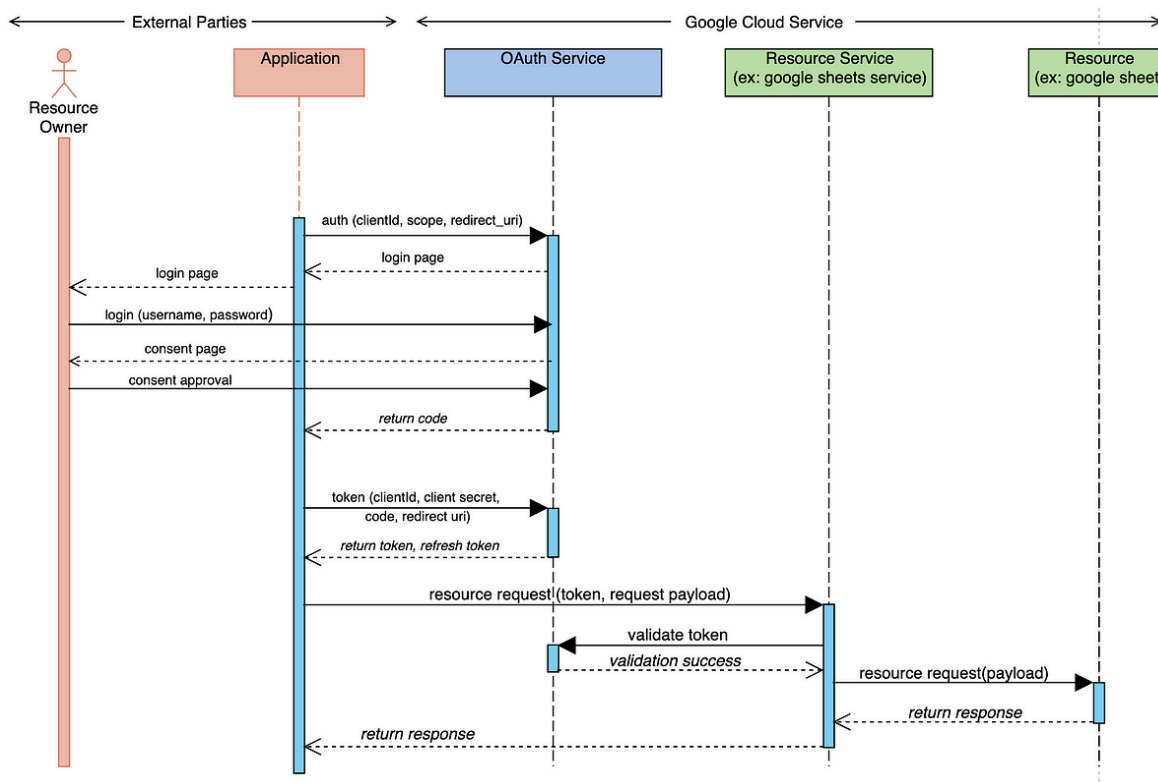
User Stories:

- As a student, I want to easily create a customized resume using templates, so I can apply for jobs with a professional-looking document.
- As a faculty member, I need to share job opportunities and placement updates with students, so they can stay informed about career prospects.

Functional Requirements:

- **User Authentication:** Secure login using Google OAuth.
- **Mailer Request Form:** Users input mail content, scheduling time, category, and recipients.
- **Conflict Resolution:** Automatic detection of scheduling conflicts with options for adjustment.
- **Dynamic Dashboard:** Real-time schedule viewing and interaction.
- **Priority Algorithm:** Automated prioritization of communications based on rules.

FLOW CHART:

Google auth:

Peer to peer communication

Find

Advanced Search → **Profile**

Search Stream Updates → **Like Comment Share**

Profile Views → **Look at Reviewers profile**

Group Discussions → **Boolean Search**

Group Member Search → **Boolean Search**

Attract

Invitations

Receive Like Comment Share

Determine Contact Type

Like Comment Share

Like Comment Share

Engage

New Connection

Thank You LI email

Write discuss. comments

LinkedIn Tag

Add to CRM

Nurture

LinkedIn Email

Direct Email

Likes, Shares, Comments, Discussions

Link to Content → **Link to Offer**

Covert

Convert to Email Subscriber