BANNARI AMMAN INSTITUTE OF TECHNOLOGY

An Autonomous Institution Affiliated to Anna University - Chennai, Accredited by NAAC with A+ Grade

Sathyamangalam - 638401 Erode District, Tamil Nadu, India

NAME: LOGDHARSHAN B

SEAT NO: 406

PROJECT ID: 6

Project Title: Alumni Network Platform

Working Stack: MEVN

COMPONENT:	TECH STACK:
Front End	Vue.js
Back End	Node.js with Express.js
Data Base	Mongo DB
API	REST

PROBLEM STATEMENT:

Build an alumni network platform where alumni can connect with each other, mentor current students and share job opportunities. Including features like alumni directories, events calendars, and news updates.

- **Login:** Separate Login page for Alumni(s) and Alumni Coordinators to sign in.
- **Alumni connection:** All Alumni including Alumni coordinators should connect and post up progress and updates.
- **Coordinator Request:** Alumni coordinator could send a request to the particular alumni for some seminar or meet-up and Alumni can accept or reject it accordingly.
- **Updates:** Upcoming events and posts are welcomed in the home page.

WORK FLOW:

Purpose:

To develop a centralized Alumni network platform that efficiently manages updates of posts and communication between Alumni Coordinator and Alumni regarding schedules and event updates.

Scope:

This setup comprises user authentication, conflict verification, and a home page with real-time scrolling posts. It seamlessly connects with current login systems for a smooth user experience, facilitating mailer requests and post updates to stay connected with alums.

Context:

The Alumni Network Platform is aimed at creating a touch/communication with the Alums of BIT, Thus helping for a connection and bringing up a way for a future communication and corporate updates.

Consideration:

- All users possess a separate user accounts for authentication,

- Regular access to internet-enabled devices.

User personas:

- Alums: Can login/Signup and create/update/delete/view all posts, Event calendars, and News updates in the Homepage.
- Alumni Coordinator: Can access Alumni Directories (by using filters) and can send requests to the alumni.

User Stories:

- As Alumni, I need to ensure my updates regarding the updates and events in my colleagues corporate worlds.
- As an Alumni Coordinator, I need to ensure my seamless connection with alums by having access to the posts and alumni directories, so that I could filter alums and also can send request for a further communication.

Ideas to bring up for Novelty:

- Not only alums and alum coordinator but also students from BIT can also login to communicate with Alums and see updates for their career guidance.
- A feature called 'Plan' which allows alums to plan for a get-together/reunion which could be sent as a request to all.
- Feel good user friendly UI/UX.

➢ Front End:
- Login Page:

    Create a login page with separate columns for signing in and signing up.
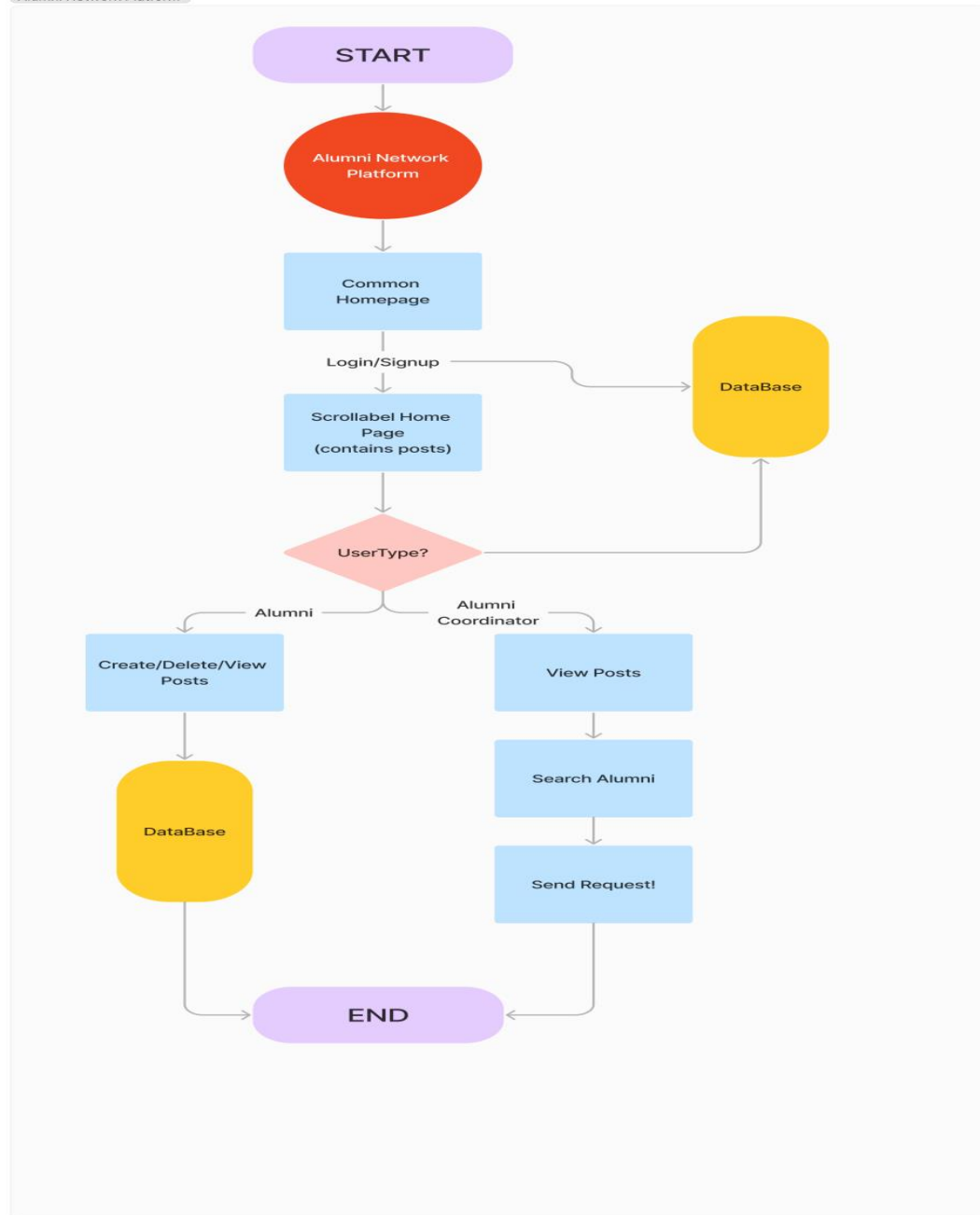
- Home Page:

Separate Home page for to display the posted updates by the alums.

- List of Alums (For Alumni Coordinator):

  To display the list of alums categorized bases on companies and batches and also adjacent display of Request button for summoning.

FLOW CHART:

START

Alumni Network Platform

Common Homepage

Login/Signup

DataBase

Scrollabel Home Page (contains posts)

UserType?

Alumni

Alumni Coordinator

Create/Delete/View Posts

View Posts

DataBase

Search Alumni

Send Request!

END

ER_DIAGRAM:

Alumni Network Platform ERD