

BEE ETE PROJECT REPORT

Member 1:

Name : CHITRA KARAYAT

Roll No : 2010990177

Contact No : 9464050128

Email : chitra0177.be20@chitkara.edu.in

Member 2:

Name : DAKSHAY AHUJA

Roll No : 2010990178

Contact No : 9811084505

Email : dakshay0178.be20@chitkara.edu.in

Year : 3rd

Branch : CSE

Group : G5

Submitted to : MR. LAVISH ARORA

ACKNOWLEDGEMENT

We would like to thank **Dr. Rupali Gill**, our dean, for her cooperation in completing our projects.

We would like to take this opportunity to express our gratitude to our trainer **Mr. Lavish Arora**. We would not have been able to complete the projects without his help and cooperation.

Further, we extend our gratitude to our mentor **Mr. Sanjeev Kumar** for his useful advice and suggestions.

Thanking you

CHITRA KARAYAT - 2010990177

DAKSHAY AHUJA - 2010990178

B.E. C.S.E

WEVZ

OVERVIEW: Wevz is a social media platform. The design of this platform is inspired by linkedin and instagram. This project is built using MERN stack.

Technologies used:

1. React
2. Node.js (Express.js)
3. MongoDB
4. Material UI

The front end has been developed with the help of React and Material UI. We have implemented a custom backend using Express.js and used MongoDB for database connectivity.

Source Code: [Wevz](#)

Pages:

1. Register

Welcome to Wevz, the Social Media for Genz!

First Name

Last Name

Location

Occupation

Add Picture Here

Email

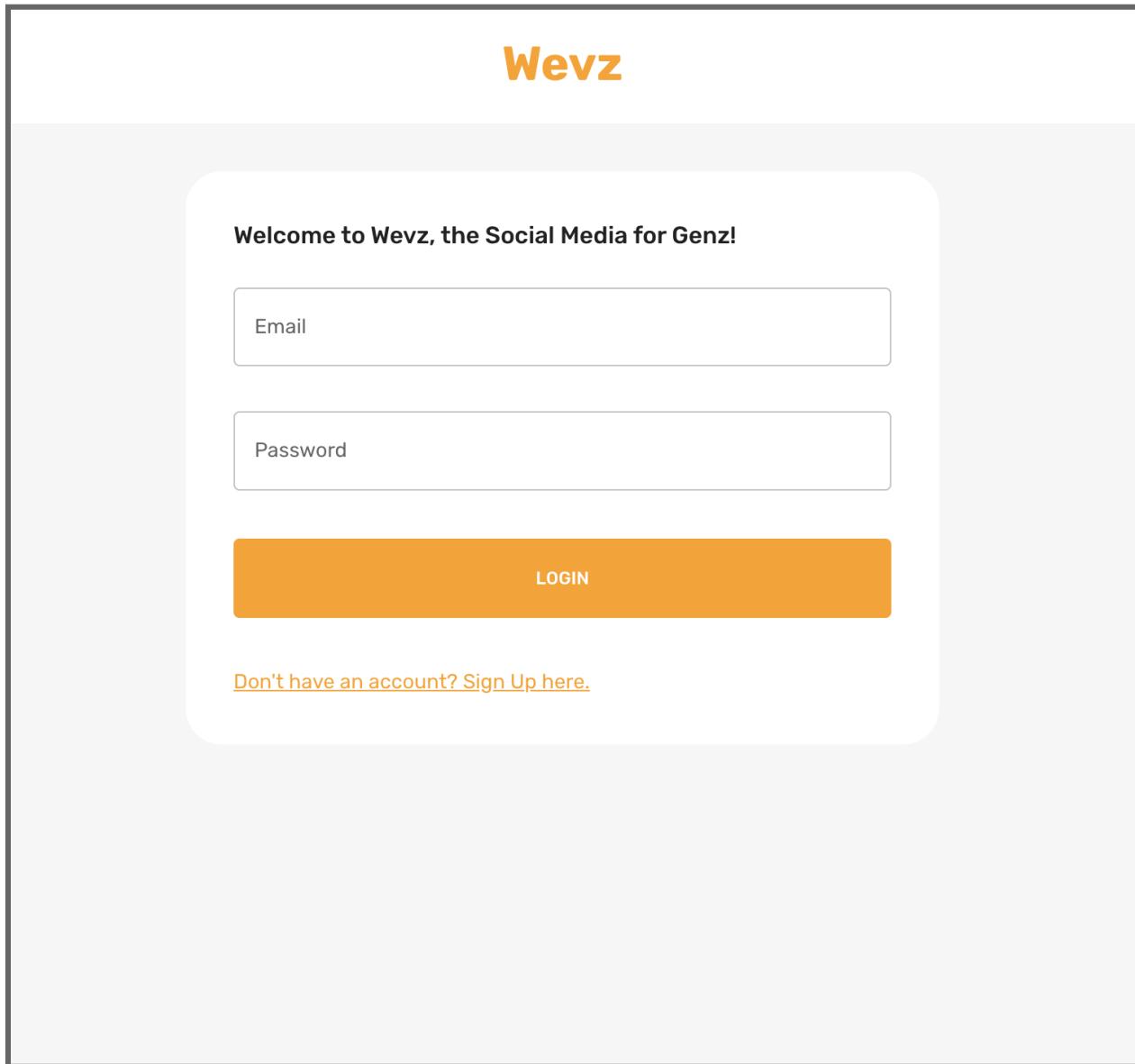
Password

REGISTER

[Already have an account? Login here.](#)

The register page is the first entrypoint for our website. The user can register after providing all the details. The details are then stored in our cloud database.

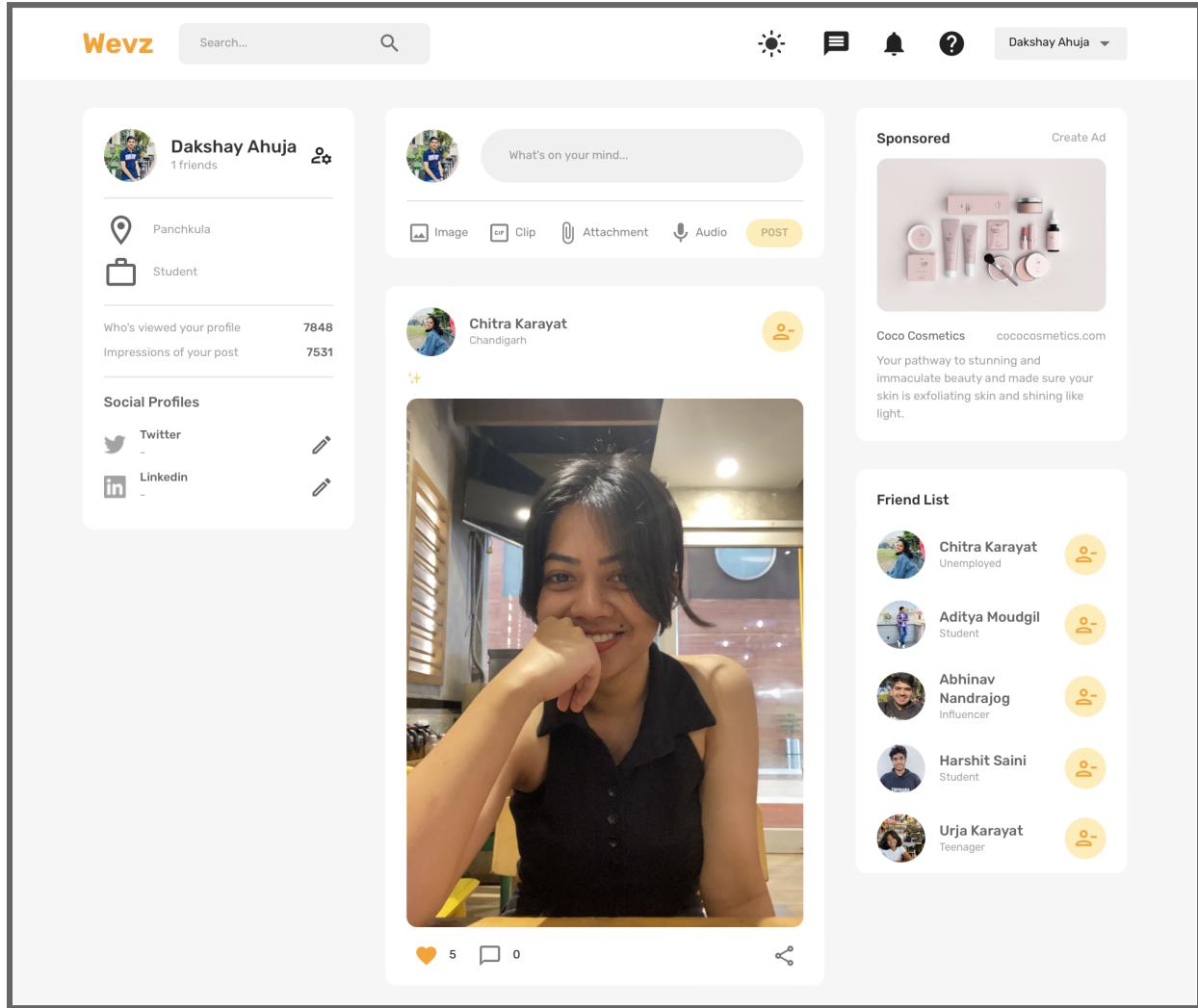
2. Login



The user can then login through the registered credentials to access the home page and start viewing and posting content.

We have used a package to encrypt our passwords called *bcrypt* so that sensitive information such as the user credentials always remain protected.

3. Home Page



The Home pages consists of various components such as:

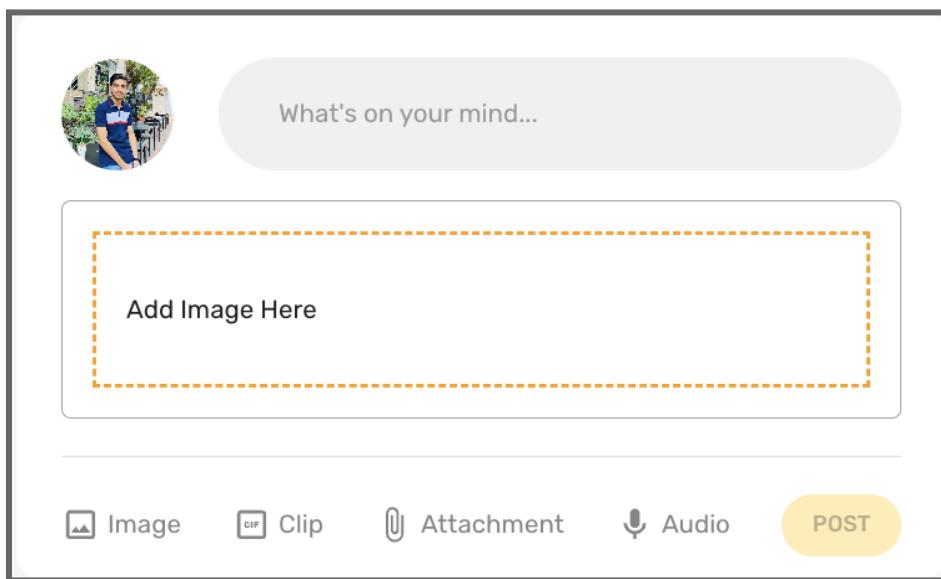
- Header/Navbar
- About Profile
- Create a new post
- News Feed
- Sponsored Ad
- Friend List

Header Component :

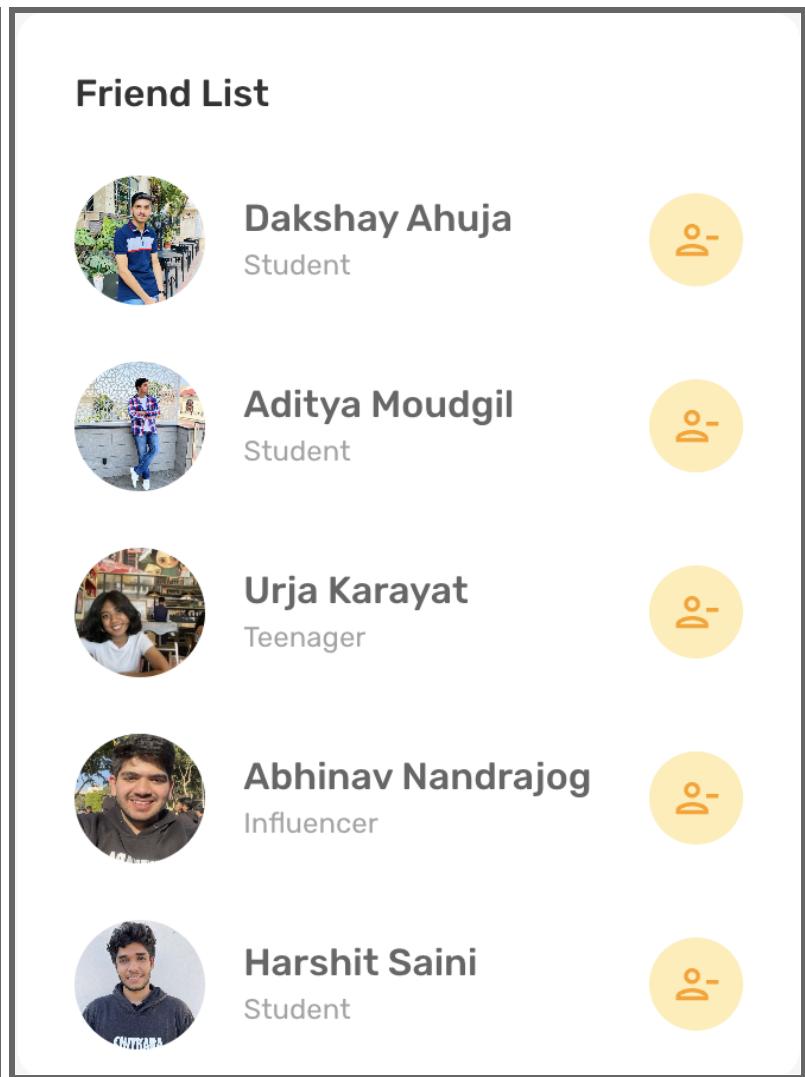
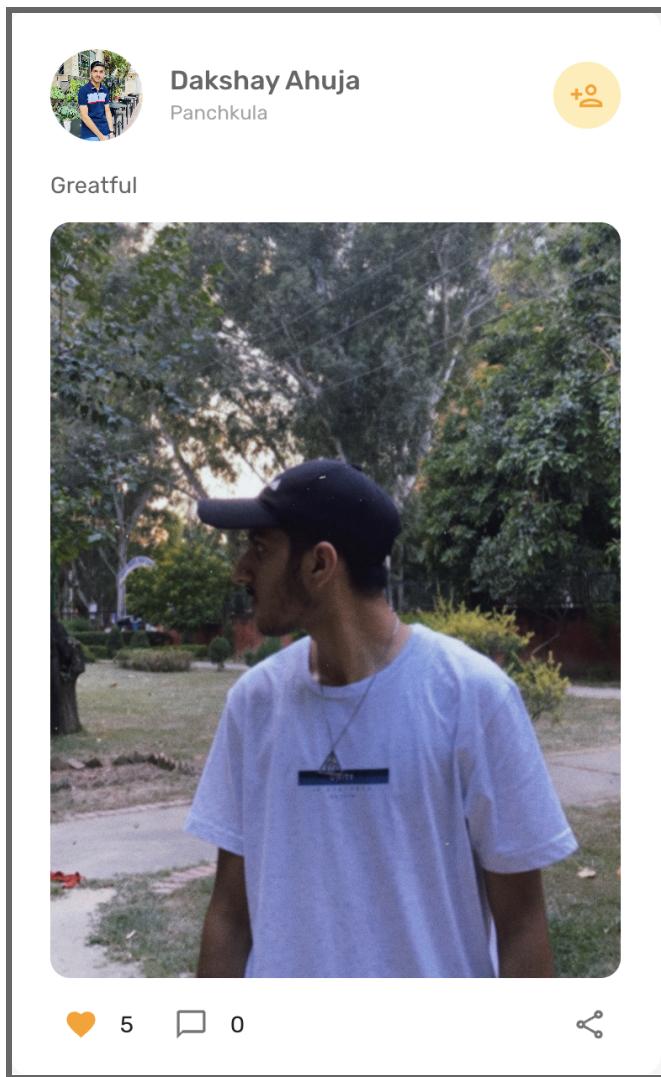


- The header section contains the dark mode toggle icon which can be used to switch the theme from light to dark and vice-versa.
- On the right corner we have a dropdown menu where you can see the user's name and also have the option to logout.

Create a post Component :



- This section allows us to make a new post that is stored in the database and shared with every user. We can also upload a picture from our device.



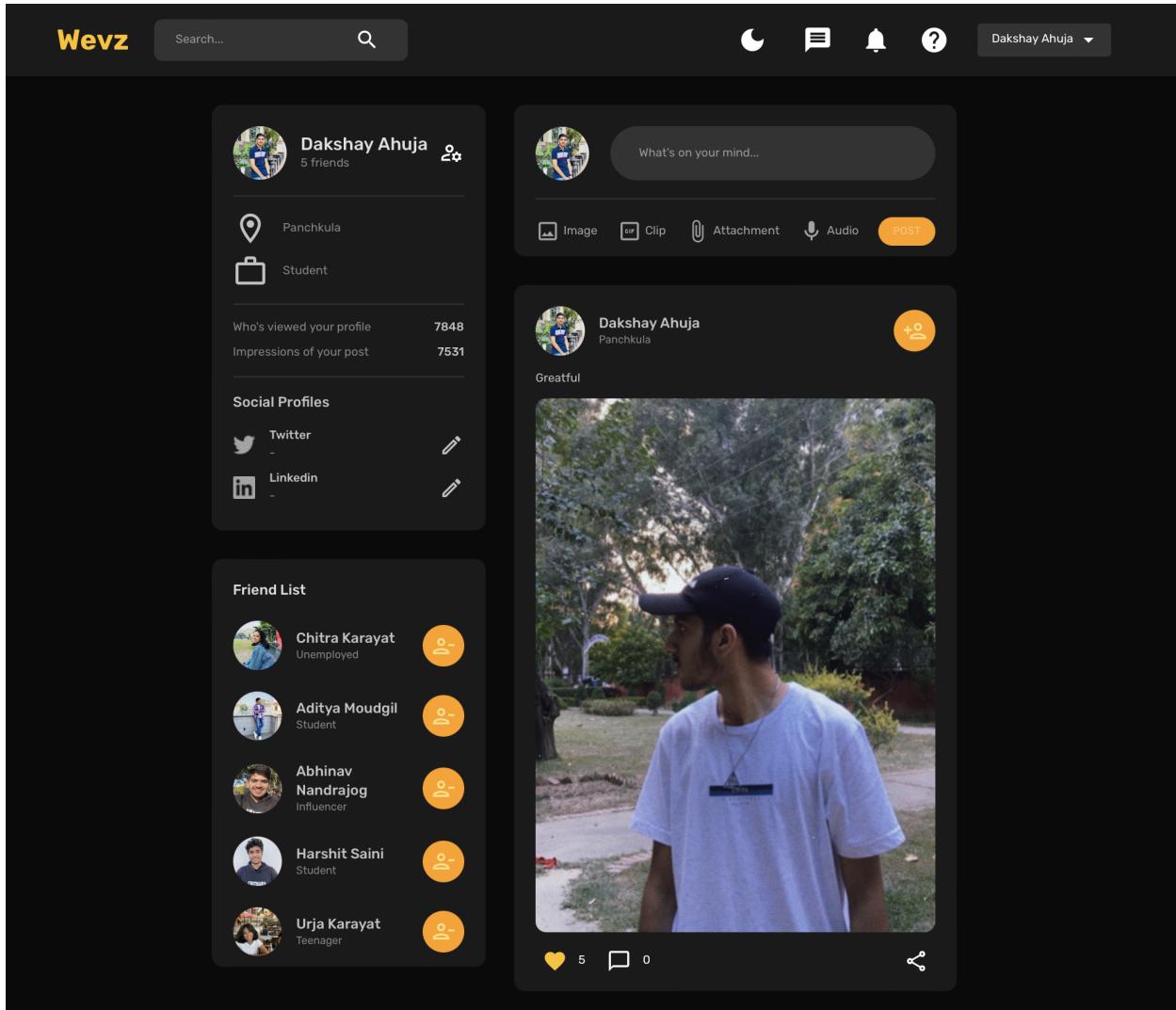
Post Component

1. The user can see other users name and location on their post.
2. The user can also like the post by clicking on the heart. The number of likes is also stored in the database.

Friend List Component

1. The friend list shows all the people you've added on your account.
2. Profile picture, name and occupation are displayed in the list.
3. You can easily remove people from your friend list by clicking on the unfriend button.

4. Profile Page



- You can see anyone's profile by clicking on their name.
- The profile page displays the user details, their friend list and all their posts.
- You can easily switch to dark mode by clicking on the first button in the navbar.

MongoDB Database:

The screenshot shows the MongoDB Atlas interface for a cluster named 'Cluster0'. The left sidebar includes sections for Deployment, Services, Security, and Data Lake. The main area displays the 'test' database with two collections: 'posts' and 'users'. The 'users' collection is selected, showing 6 documents. A query result table displays two documents, each with fields like '_id', 'firstName', 'lastName', 'email', 'password', 'picturePath', 'friends', 'location', 'occupation', 'viewsProfile', 'impressions', 'createdAt', 'updatedAt', and 'v'. The interface includes tabs for Overview, Real Time, Metrics, Collections, Search, Profiler, Performance Advisor, Online Archive, and Cmd Line Tools.

Terminal:

The screenshot shows a terminal window with the title 'index.js — Wevz'. The left sidebar shows a file tree for a project structure. The terminal tab contains the following output:

```
Compiled successfully!
You can now view client in the browser.
Local: http://localhost:3000
On Your Network: http://192.168.1.41:3000
Note that the development build is not optimized.
To create a production build, use npm run build.
webpack compiled successfully
```

Below the terminal, the status bar indicates: Ln 23, Col 2 Spaces: 2 UTF-8 LF ⚡ Babel JavaScript ⓘ Go Live ⚡ Prettier