The given assignment should be submitted on 20th Jan 2025. You can share it using github etc.

The following are the Frontend web application modules:

1. Signup Screen
2. Login Screen
3. Dashboard
4. View users profile
5. Friends list
6. Invite Friends
7. Waves
8. Profile (Basic, Personal tabs) Screen
9. Preferences
10. Change Password Screen
11. Comments section

Figma:
https://www.figma.com/proto/dkifTrdvbl4bpldiORgoHL/sDirect-Assignment?type=design&node-id=1-55&t=EQjFSKq0IsSjm
zZo-0&scaling=min-zoom&page-id=0%3A1

Description:

The default page will be the signup / Login Page, Use the backend server(APIs) and database to store the data.
After signup, redirect the user to the login page. After login - store jwt in either cookie or local storage or in the
parent component state and redirect the user to the Dashboard screen.

 Note : All APIs after login and signup should be authenticated with jwt & not any route should be accessed
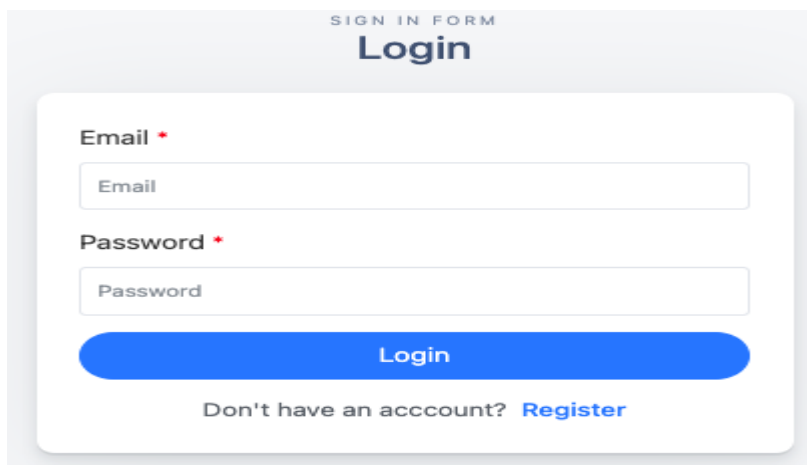publicly.

- **Create a signup form:** As per the shared Figma design.
- **Login form:** As per shared Figma design. Only active users should be able to login.
- **Dashboard:** Top section - List all the active waves of other users from the systems. Friends section- List
  all the accepted friends sent by the login user. Click on wave's / friends to open that user profile.
- **View the user's profile:** Display the user profile details in the popup.
- **Friends list:** List all the invited friends by the login user with the 'Add' button and search option. The
  friends list are with two statuses pending and accepted. If a request is sent to a friend then that request
  should be 'Pending'. When a friend registers themself with the same email address then that request
  status will be changed to 'Accepted' and that friend will be linked with the user automatically who sent
  the request. (Use Redis for search and store data)
- **Invite Friends:** A form with 'Add more' option. Ensure email uniqueness meaning if the friend has been
  added(approved or pending state) it should not be added again.
- **Waves:** A screen with Add wave form and list all the created waves of the login user. User should be
  able to active and deactivate the waves.
- **Profile (Basic, Personal) Screen:** The profile screen has two tabs "Basic Details" and "Personal
  Details".
- **Preferences:** A form with all the user's preferences (as per Figma) .
- **Change Password Screen:** Option to change the password.
- **Comments section:** Add the feature to add comments on the waves. So any friend can comment on
  the waves posted by his friend. Also give the option to delete or edit the comments. Users are only able
  to modify their comments.
- **HIPAA** :
  - Audit logs

- There should be an auto logoff for users.
- User account lockout for invalid attempt
- Password expiry and password history should be implemented
- Multi login session should not be permitted
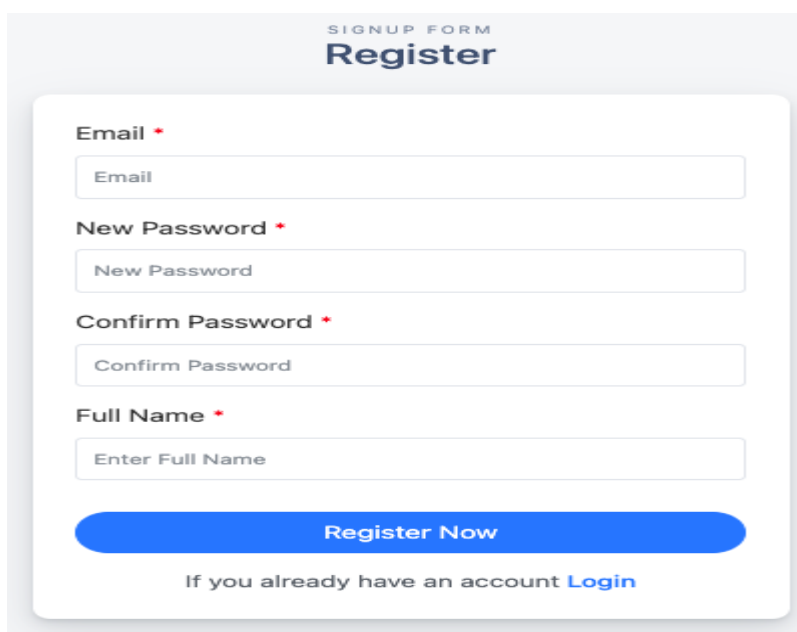
Admin Portal

- Login Screen
- Register Screen
- Dashboard (Charts - Bar, line, PI)
- Manage Users (User's list, Edit, View, Delete, Change Status)
- Manage Waves (Wave's list, Edit, View, Delete, Change Status)
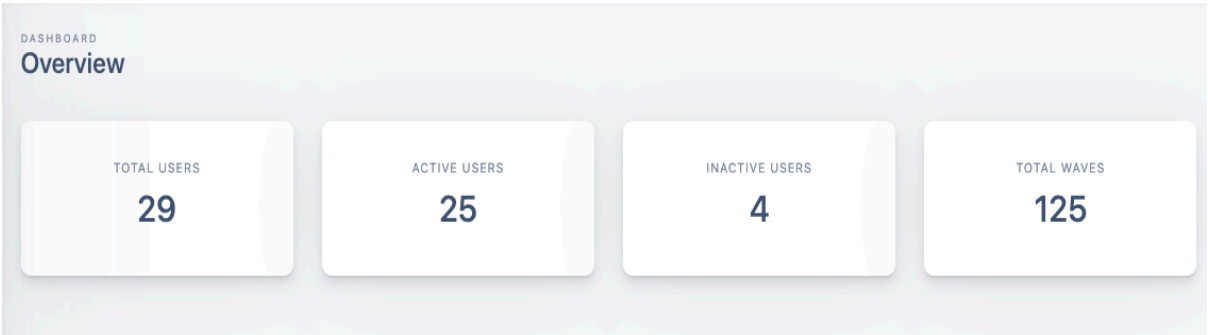
1. Login

2. Register:

3. Dashboard with chart, counts should be clickable.

DASHBOARD
Overview

TOTAL USERS	ACTIVE USERS	INACTIVE USERS	TOTAL WAVES
29	25	4	125

Manage User

4. Manage User List (export users in csv)

Manage Users List

Search with name, email, accesscode 🔍

☐	Name ^	Email ^	Mobile	Status	Action
☐	shubhamtestref reftest	shubhamtestref@mailinator.com	9859856523	🔵	👁 ✏ 🗑
☐	nitin dalakoti	nitin@yopmail.com	9859856523	🔵	👁 ✏ 🗑
☐	shubham garg	garg@yopmail.com	9859856523	🔵	👁 ✏ 🗑
☐	afzal hujki	afzalt67est@yopmail.com	9859856523	🔵	👁 ✏ 🗑
☐	richard edward	edward@yopmail.com	9859856523	🔵	👁 ✏ 🗑
☐	jack william	jack@yopmail.com	9859856523	🔵	👁 ✏ 🗑

5. View user's Data (Option to export the user data in PDF)

User Data

Fullname : Jogjakarta	**Created At :** 04/09/2021
Email : ty@yu.co	**Gender :** Male
SSN :	**DOB :** 04/09/1997
Zip : 75019	**Kids (If Any) :** 2
Mobile Number : 9895625865	**Address :** 645 E. State Hwy 121 Suite 606
City : Coppell	**State :** TX

CLOSE

6. Edit user data

7. Delete user (Soft delete)
8. Change user's status

Manage Waves

9. Manage Waves list (option to export in csv)

10. Edit Wave
11. View Wave
12. Delete wave (Soft delete)
13. Change the status of waves.
14. Dashboard Screen(Show the widget for total users, Active users,Inactive users, total waves)
15. Show the comments section in admin with list, search and delete.

Schema/ Tables:

1. Users
2. Waves
3. Friends
4. Preferences
5. Comments
6. Admin user
7. Audit logs

Note: All the tables should be have following columns: Status, isDeleted, CreatedAt, UpdatedAt, DeletedAt.

Things to consider:
API naming conventions and API Response format will be same/consistent.
All APIs after login should be secured with jwt.
Code commenting is must for all.
variable names should be relevant.
Linting: (To automated checking of your source code for programmatic and stylistic errors)