Bank App

**User Registration/Signup:**

**Fields Required:**

1. **Full Name:**
   * Description: Enter your full name as per official records.
   * Validation: Ensure the name includes both first and last names.
2. **Email:**
   * Description: Provide a valid email address for communication and account verification.
   * Validation: Check for a valid email format.
3. **Address:**
   * Description: Enter your current residential address.
4. **Password:**
   * Description: Create a secure password to protect your account.
   * Validation: Enforce strong password criteria (e.g., minimum length, combination of letters, numbers, and special characters).

**Registration Process:**

* Users fill in the registration form with the required details.
* Validation check in the frontend itself
* Server Side validation takes place for the duplicate email
* Upon successful validation, store user information securely in the database.
* On successfully sign-up user will receive unique generated account number to their email
* Each User will have 1000 default.
* Send a verification email for account activation.

**Login Process:**

* Users enter their email and password in the login form.
* Server-side authentication verifies the user's credentials.
* If valid, generate a unique JWT token
* Store the token securely on the client side (e.g., cookies or local storage).
* Implement token expiration and refresh mechanisms for enhanced security.
* Redirect the user to the dashboard upon successful login.

**Logout:**

* Once user logout the account JWT token will be removed from local storage/Session storage
* User can’t access the dashboard without the log in

**After Login Page:**

* After Successfully Login User will se the unique generated bank account number will be appeared in the Navbar
* In this page user will able to see Account Details Past user activities like transactions
* If user send money or receives money from other user That user name account no and money how much paid from that user will be appear in transaction history
* Transaction History: Sender Details(Bank acount Number)