FSD Java Capstone Project Problem Statement - m-Aadhar Application
Algorithm

Backend (Spring Boot):

Step 1 : User Signup (Registration):

- Angular sends a signup request to the Spring Boot backend.

- Spring Boot validates the request and checks if the email already exists.

- If the email doesn't exist, save the user details in the database.

Step 2 : User Login:

- Angular sends a login request with email, password, and typeOfUser.

- Spring Boot verifies the credentials against the stored data in the database.

- If the credentials are valid, Spring Boot sends a success message along with the user type (admin or user).

Frontend (Angular):

Step 1 : Signup Page:

- User fills out the signup form.

- Angular sends a POST request to the Spring Boot backend for user registration.

Step 2 : Login Page:

- User fills out the login form.

- Angular sends a POST request to the Spring Boot backend for user login.

Step 3 : Authentication Success:

- Upon successful login, Spring Boot returns a success message along with the user type (admin or user).

- Angular stores user details in session storage.

Step 4 : Admin Dashboard:

- If the user type is "admin," Angular navigates to the admin dashboard.

- Display relevant admin functionalities.

Step 5 : User Dashboard:

- If the user type is "user," Angular navigates to the user dashboard.

- Display relevant user functionalities.

Session Management:

Step : 1 Session Storage:

- Store user details (email, typeOfUser) in session storage upon successful login.

- Clear session storage on logout.

Step : 2 AuthGuard (Optional):

- Implement a route guard to protect admin/user routes.

- Redirect unauthorized users to the login page.