**(TLDR)**

**Login:** User sends their credentials; if valid, the server responds with a token for future authenticated requests.

**Sign Up:** User creates an account by providing name, email, and password.

**Forgot Password (Send Code):** When the user forgets their password, they can request a reset code via email.

**Forgot Password (Reset Password):** The user provides the reset code and a new password to regain access to their account.

**Login**

POST /api/auth/login

* Purpose: Authenticate a user with email and password.
* Request body:
  + email: User's registered email.
  + password: User's password.
* Response:
  + Success: Returns a token if the login is successful.
  + Failure: Returns an error if the credentials are invalid.

**Sign Up**

POST /api/auth/signup

* Purpose: Create a new user account.
* Request body:
  + name: User's full name.
  + email: User's email (must be unique).
  + password: User's password (will be encrypted).
* Response:
  + Success: Returns the newly created user object (excluding password).
  + Failure: Returns an error if the email is already registered or validation fails.

**Forgot Password (Send code to email)**

POST /api/auth/forgot-password/send-code

* Purpose: Send a password reset code to the user's registered email.
* Request body:
  + email: User's registered email.
* Response:
  + Success: Sends a code to the user's email and returns a success message.
  + Failure: Returns an error if the email is not registered.

**Forgot Password (Check code, create new password)**

POST /api/auth/forgot-password/reset

* Purpose: Verify the reset code and create a new password.
* Request body:
  + email: User's registered email.
  + resetCode: The code sent to the user's email.
  + newPassword: The new password to set.
* Response:
  + Success: Resets the password and returns a success message.
  + Failure: Returns an error if the reset code is invalid or expired.