

Daily Report

Date: May 5, 2025

Submitted by: Etsubdink Yewale

Overview

Today's development efforts were centered on building and refining the **user authentication interface** for the **AI-Jake** application. Significant progress was made in resolving component integration issues in the **LoginForm**, refactoring it for better usability and accessibility, and implementing a fully functional **SignupForm** with consistent styling and validation. Both components now provide a user-friendly and visually coherent experience, laying the groundwork for future enhancements such as social authentication.

Key Activities

1. Login Form (LoginForm.tsx) – Refactoring & Enhancement

Initial Challenges:

- Encountered **TypeScript errors** related to a custom `InputField` component that lacked support for required props such as `labels`.
- Determined the custom input component was unsuitable for form-level control and accessibility requirements.

Solutions & Improvements:

- **Replaced** the custom `InputField` with standard HTML elements (`<label>` and `<input>`), enabling native form behavior and improved accessibility.
- **Applied Tailwind CSS** for styling:
 - Focus styles: `focus:ring-blue-500, focus:border-blue-500`
 - Error indication: Conditional classes (`border-red-500` vs `border-gray-300`)
- **Implemented Validation Feedback:**
 - Displayed error messages below relevant fields using conditional rendering.

- Styled messages for clarity and visibility.
- **Added Accessibility Features:**
 - Included `aria-invalid` and `aria-describedby` attributes for screen readers.
- **Event Handling:**
 - Introduced well-typed handlers (`handleEmailChange`, `handlePasswordChange`, `handleRememberMeChange`) to manage input state.
- **UI Improvements:**
 - Switched link and focus colors from indigo to blue for consistency.
 - Added a placeholder “Sign in with Google” button.
 - Improved checkbox UX with `cursor-pointer` styling.

2. Signup Form (`SignupForm.tsx`) – New Component Creation

Structure & Functionality:

- **Scaffolded** the new component based on the refactored `LoginForm.tsx`.
- **Expanded form fields** to include Full Name in addition to Email and Password.
- **State Management:**
 - Added `useState` for the name input.
 - Implemented `handleNameChange` event handler.
- **Validation Logic:**
 - Extended `validateForm` to check for name input and display relevant error messages.
- **Submission Handling:**

- Updated `onSubmit` prop and `handleSubmit` logic to include the full name field.

Styling & Content:

- Ensured consistent Tailwind CSS styling with the login form.
- Added introductory copy:
 - **Title:** "Ai Jack"
 - **Subtitle:** "Welcome to Ai Jack"
 - **Description:** Placeholder "Lorem Ipsum" text to be replaced with branding content.
- Included a **non-functional "Sign Up with Google"** button for visual parity with the login page.
- Updated the bottom prompt to redirect users to the Sign In page (`/login`) if they already have an account.



Ai Jack

Request New Password

To reset your password, please enter the email address of your Venture Builder Account.

Email address

your@email.com

Continue

Remember your password? [Sign in](#)



Ai Jack

Welcome Back


Sign in to access your account and continue your journey with us.

Email address

Password

☐ Remember me [Forgot your password?](#)

Sign in

 Sign in with Google

Don't have an account? [Sign up](#)