**📄 Task Progress Document: Login & Signup with GraphQL**

**GraphQL Endpoint:** <https://api-qa.seamasterai.com/graphql>  
**Deadline:** April 8–9, 2025

**✅ Phase Overview**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Phase** | **Description** | **Status** | **Time Taken** | **Challenges** |
| 1 | Project setup + Apollo Client + Routing | ✅ Completed | 8:44 PM – 10:02 PM IST | Module export errors (Login, Signup, App) |
| 2 | Login page + mutation + success/error handling | 🔄 In Progress | 9:50 PM – | – |
| 3 | Signup page + mutation with default values | ❌ Not Started | – | – |
| 4 | UI enhancements + validation + feedback | ❌ Not Started | – | – |
| 5 | Testing + cleanup + submission prep | ❌ Not Started | – | – |

**📘 Detailed Logs Per Phase**

**🌱 Phase 1: Basic Setup & Routing**

* **Steps:**
  + Initialize React + TypeScript project using Vite
  + Install Apollo Client, GraphQL, and React Router
  + Configure Apollo Client
  + Create basic route structure (/login, /signup)
  + Create Login.tsx and Signup.tsx with default exports
  + Ensure App.tsx has a default export and routes
* **Start Time:** April 8, 2025 – 8:44 PM IST
* **End Time:** April 8, 2025 – 9:16 PM IST
* **Total Time Taken:** 32 minutes
* **Challenges Faced:**
  + Missing default exports in Login.tsx, Signup.tsx, and App.tsx
  + ESLint warnings about unused React import and export issues
* **Notes:**
  + Setup now working without errors
  + All routing files are ready for Phase 2

**🔐 Phase 2: Implement Login Page**

* **Steps:**
  + Create login form (email/username + password)
  + Write and integrate login mutation
  + Handle loading, success, and error states
  + Store token if applicable
* **Start Time:** April 8, 2025 – 9:50 PM IST
* **End Time:**
* **Total Time Taken:**
* **Challenges Faced:**
* **Notes:**

**🧾 Phase 3: Implement Signup Page**

* **Steps:**
  + Create signup form
  + Write and integrate signup mutation
  + Include default values: role: sailor, confirmed: true
  + Handle response and validation
* **Start Time:**
* **End Time:**
* **Total Time Taken:**
* **Challenges Faced:**
* **Notes:**

**🎨 Phase 4: UI Enhancements & Validation**

* **Steps:**
  + Input validations (required fields, email format)
  + Show loading spinner or disable buttons while submitting
  + Add success/error message display (toast/snackbar)
* **Start Time:**
* **End Time:**
* **Total Time Taken:**
* **Challenges Faced:**
* **Notes:**

**🤔 Phase 5: Testing & Cleanup**

* **Steps:**
  + Test login with given credentials
  + Test signup with dummy data
  + Final code cleanup and time tracking
* **Start Time:**
* **End Time:**
* **Total Time Taken:**
* **Challenges Faced:**
* **Notes:**