

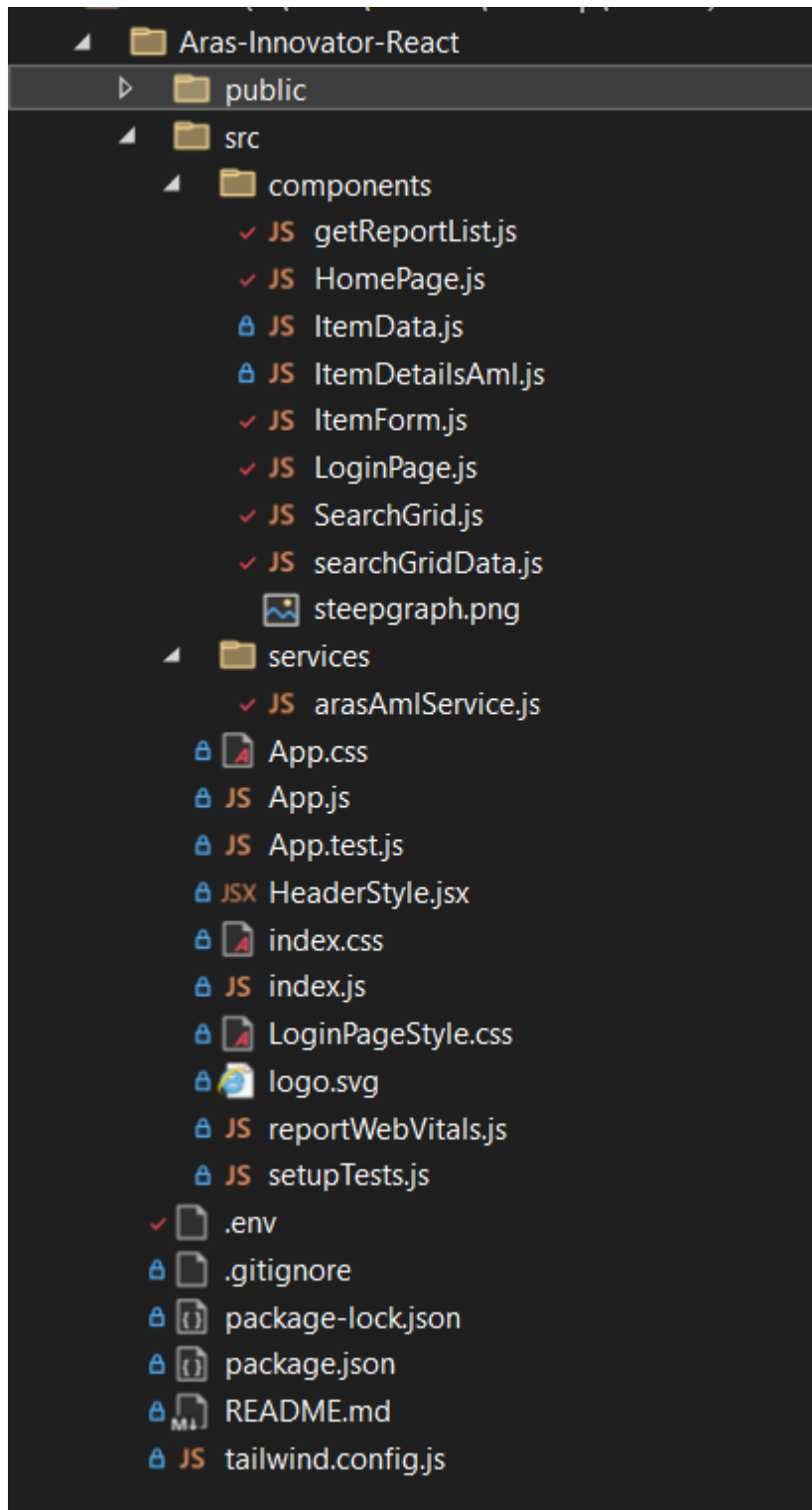
React App with Aras Innovator Backend

This documentation outlines the key components and functionality of your React application integrated with Aras Innovator as the backend. The app includes a dynamic login page, a search grid, and an item form, all driven by data fetched from Aras Innovator.

Key Features:

1. **Dynamic Login Page:** Fully functional and customizable login interface.
2. **Search Grid:** Displays data fetched dynamically from Aras Innovator. Supports advanced features like sorting, filtering, and pagination to enhance user experience.
3. **Item Form:** Provides a detailed and dynamic form for managing items. It allows users to view, edit, and validate data seamlessly based on the item type.
4. **Backend Integration:** Interacts seamlessly with Aras Innovator APIs for data operations.

Project Structure:



Backend Integration

Service Layer

- Path: services/arasAmlService.js
- Purpose: Handles communication with the Aras Innovator backend via AML.
- Key Functions:
 - itemFormData(type, id): Fetches form data for a specific item.
 - itemSearchGridData(type): Fetches search grid data for a specific item type.
 - arasLogin(username, password): Authenticates the user.

How It Works

1. Login/Logout Process:

- User enters credentials on the login page.
- Credentials are validated against Aras Innovator.
- On success, the app stores the session token for subsequent requests.

2. Dropdown:

- Populates options using pre-configured data fetched from Aras Innovator.
- Allows users to select an item and triggers actions based on the selection.

3. Search Grid:

- The app fetches data using itemSearchGridData.
- Data is displayed in a sortable and filterable table.

4. Item Form:

- When a specific item is selected, itemFormData fetches its details.
- The item details are displayed in a form for viewing or editing.