7. React Frontend Setup

In addition to the Next.js dashboard, a separate React frontend is mentioned in the project documentation. This could serve as an alternative or complementary user interface component, depending on the project's modular design. The setup for this React frontend is straightforward.

7.1. Project Initialization

To initialize the React frontend, navigate to your main project directory (e.g., `~/soc-copilot`) and ensure `npm` is installed. If not, install it:

```
cd ~/soc-copilot
sudo apt install npm
```

Once `npm` is available, create the React application using `create-react-app`:

```
npx create-react-app frontend
```

It is crucial to verify that the `frontend` directory is successfully created after running this command. This directory will contain all the necessary files and configurations for your React application.

7.2. Running the Development Server

To start the React development server and view your application in a web browser, navigate into the `frontend` directory and run:

```
cd frontend
npm start
# or yarn start
```

This will typically make your application accessible at `http://localhost:3000` (or another available port).