

Item Management Web Application

This is a simple web application that allows users to manage a list of items. The application is built using Java for the backend with Spring Boot, and ReactJS for the frontend.

Features

- Add Item: Users can add new items to the list. Each item has a name and a description.
- View Items: Users can view all the items in the list.
- Search Items: Users can search for items by name.

Prerequisites

To run this application, you need to have the following installed:

- Java Development Kit (JDK) 8 or higher
- Node.js and npm (Node Package Manager)

Backend (Spring Boot)

1. Open the backend project in STS (Spring Tool Suite) or any Java IDE that supports Maven.
2. Build the project to download the necessary dependencies.
3. Run the `HostBuddyApplication.java` class to start the Spring Boot application.

The backend API will be accessible at `http://localhost:8080`.

Frontend (ReactJS)

1. Open a command prompt or terminal and navigate to the frontend project folder.
2. Run `npm install` to install the required dependencies.
3. Run `npm start` to start the React development server.

The React application will be accessible at `http://localhost:3000`.

Database

This application uses an in-memory database or a simple file-based storage system to store the items. The data will be reset every time the application is restarted.

Usage

1. Open your web browser and navigate to `http://localhost:3000` to access the application.
2. Use the provided user interface to add items, view the list of items, and search for items by name.