**Documentation for Running Backend and Frontend**

**1. Backend Setup**

**Technologies Used:**

* **Spring Boot**
* **Spring Web**
* **Spring Data JPA** (with in-memory database H2)

**Steps to Run Backend:**

1. **Clone the Repository**:
   * Clone or download the backend project repository.
2. **Install Dependencies**:
   * Open the backend project folder in your terminal or IDE.
   * Run the following command to install the dependencies:

mvn install

1. **Run the Backend**:
   * Start the Spring Boot backend application by running:

mvn spring-boot:run

* + The backend will start running at http://localhost:8080.

1. **API Endpoints**:
   * **GET /policies** - Fetch all policies.
   * **GET /policies/search?name=** - Search policies by name.
   * **GET /policies/filter?minPremium=&maxPremium=&type=&coverage=** - Filter policies based on premium, type, and coverage.

**2. Frontend Setup**

**Technologies Used:**

* **React** (SPA)
* **Axios** (for API calls)

**Steps to Run Frontend:**

1. **Clone the Repository**:
   * Clone or download the frontend project repository.
2. **Install Dependencies**:
   * Open the frontend project folder in your terminal or IDE.
   * Run the following command to install the dependencies:

npm install

1. **Start the Frontend**:
   * Start the React application:

npm start

* + The frontend will start running at http://localhost:3000.

1. **Connecting Frontend with Backend**:
   * Make sure the backend is running on http://localhost:8080.
   * The frontend makes API calls to this backend to fetch, search, and filter insurance policies.