**README - Todo Application**

**System Requirements**

To run this Todo application on another computer, ensure that the following requirements are met:

**Backend Requirements (Spring Boot)**

* Java Development Kit (JDK 17 or later)
* Maven (for dependency management)
* An IDE such as IntelliJ IDEA or VS Code
* H2 Database (included in the application, no installation required)

**Frontend Requirements (React)**

* Node.js
* npm (comes with Node.js) or Yarn.
* Any code editor

**How to Run the Application**

**Step 1: Extract the Project Files**

1. Copy the project folder from the flash drive.
2. Extract the todolist.zip file to a location on your computer.

**Step 2: Run the Backend (Spring Boot)**

1. Open the extracted todolist backend folder.
2. Open a terminal or command prompt in the backend folder.
3. Run the following command to start the backend: mvn spring-boot:run
4. The backend should now be running on http://localhost:8080.

**Step 3: Run the Frontend (React)**

1. Navigate to the frontend folder inside the extracted project directory.
2. Open a terminal in this folder.
3. Install dependencies by running: npm install
4. Start the React frontend by running: npm start
5. The frontend should now be accessible at http://localhost:3000.

**Common Issues and Fixes**

1. **Maven Not Recognized**
   * Ensure you have Maven installed and added to your system's PATH.
2. **Java Version Issues**
   * Verify that you are using JDK 17 or later.
3. **Port Conflicts**
   * If 8080 or 3000 is in use, change the port in the configuration files.
4. **Node.js Not Recognized**
   * Ensure Node.js is installed and added to your system's PATH.

**Conclusion**

Once both the backend and frontend are running, open http://localhost:3000 in your browser to start using the Todo application. You can now add, edit and delete tasks seamlessly!