

InventorMe

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Description

- A web app for managing your items by location, quantity, name, and description.
- This app allows you to register with encryption and login with encryption. When you login you are given a token for session handling so that it saves items to specific users.
- With the inventory app you can update and delete items from your specified items list at anytime.



Features

- User Registration
- User Login
- Add item, Quantity, Location, and Description
- Sending all information to the MySQL database
- You can search for items based on specific words
- User Encryption and Decryption



Planning - User Stories

- I work in a warehouse so I got key points for the application from my day to day job. I work in Excel bringing up inventory spreadsheets that show the lists of all items currently in the warehouse.
- The application will be useful in both a personal and also a corporate setting. Right now it's more geared towards personal use but the app can be built upon to bring more functionality to a workplace environment



Planning - Database

- The MySQL database is geared towards the admins since no personal users will have access to it.
- Access to database is available only if you have access to schema user name and password.



Technology Stack

- Java
- ReactJS
- Spring Boot
- MySQL
- Node.js
- Axios
- BootStrap
- IntelliJ
- VSCode



Demo



What I Learned

- During this project I learned ReactJS along with gaining a better understanding on how to debug errors better.
- I learned how to connect the front to back using axios along with fixing a CORS error by using a proxy server.
- Creating the registration page connecting it to the backend along with setting up a UUID and setting up encryption for it.



What's Next

- I plan on transitioning this into a mobile app because I think that it will be a fun project.
- Transitioning this into a mobile app will allow me to also test my new knowledge along with learning about setting up the project for multiple screen resolutions
- I will be moving on to either React Native or Android development. Mobile development is gaining a lot of popularity and I feel like it is a good next step to take.

