myInventory

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Description

- Inventory Management System that allows users to add their companies to a database.
- From selected company, user can input items into the database to help keep track of item's availability and location.
- Web application also provides supplier contact information storage though a database.

Features

- User profile (customizable profile fields)
- Company name, Item, or barcode search function
- Form results are housed securely in database

Planning - User Stories

- As a user, i want a form that will create a new item, so that I can put it in my database.
- As a user, i want to a search text-box to find items in my inventory,so that i can easy find item.
- As a user, I want to click on a location link, to see what items are in that location

Planning - Database

Many to one

- Stores to inventory(Each store have one inventory)

Many to Many

- Users to stores and suppliers
- Inventories to items

Technology Stack

- Java 8
- Spring Boot
- Thymeleaf
- mySQL
- Bootstrap

Demo

What I Learned

- Utilizing Spring Security
- Understanding Css more in depth
- Using SQL Querying
- Learning different ways to use the @RequestMapping annotation

What's Next

- Adding a photo storage API so that users can have a profile picture
- Different situation of the web application for equipment management
- Making web application into a mobile application
- Adding an QR/Barcode reader API