Collector

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Description

Collector is a cataloging application allowing users to log in and choose a collection type to display a corresponding interactive list where they can manage their individual collections.

Features

- Search and sort collection lists to add or edit information.
- User registration / login to access their individual collections.

Planning - User Stories

- Users can log in to access their individual collections.
- Users can add or edit information for individual items.
- Users can search their collection with responsive input.
- Users can sort their collection list by clicking on table headers.

Planning - Database

A table to hold user information

Different tables will be created to hold information specific to each collection type (e.g. die cast, comic book, stamp, coin, etc…).

Technology Stack

- Java
- JavaScript
- Angular
- MySQL
- Angular Material
- Bootstrap

Demo

What I Learned

- Angular
  - Creating a module to hold imports (e.g. all imports for Angular Material) in a single component
  - Creating a service component to hold API connection methods
  - Similarities to Java (e.g. interfaces and constructors)
- Angular Material
  - Modules for dialog, form input, and data tables
- Creating user registration / login / profiles

What's Next

- Adding user profiles
- Adding a landing page
- Deploying to web
- Adding more collection types (how to accomodate multiple users with multiple collection types)
- Allowing users to create custom inputs and/or collection types