ARTracker (glass-shop)

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Description

ARTracker allows visitors at a local art studio/gallery to view and search art at a local art studio/gallery, and allows artists at the gallery to track the art that they have created.

Features

- All users are able to view the art that has been added to the database.
- All users can search the listings by artist name and description keyword
- Logged in users can add, remove, and edit listings.
- Users can click an image to enlarge it in a new window.

Planning - User Stories

All users can view a home page so that they know they are at the correct website.

All users can view and search the art listed at the gallery so that they know what is for sale.

Logged in users can add, remove, and edit items so that they can keep the information stored in the database up to date.

Planning - Database

Necessary tables include a User table to track registrations and to allow logins to be verified, as well as an Art table to store information about the art (artist name, location of art within the gallery, description of art, tracking number for art, price, and file name of an image that is displayed when art is listed).

Technology Stack

- Java
- Spring
- Thymeleaf
- MySQL
- Bootstrap
- Hibernate
- JavaScript (Lightbox)

Demo

What I Learned

- Searching database by one or more parameters

- User registration & login

- Displaying images in a table, although after research I opted not to store them in the database itself

- The beginnings of JavaScript using the Lightbox library.

What's Next

- Hashing and salting passwords
- User roles and rights based on those roles
- Reconfiguring Artist Name and Location drop-downs using something more flexible and easier to work with than enums