## STL Resources

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# Description

Based on my career in social work, I identified a need for a website to access information on area resources where users can add new agencies to the database and provide updates on agencies by adding notes.



### Features

- User Registration/Login
- Implemented Spring Security features including b-crypt password encryption, authentication, and authorization features
- Ability to add new agencies to database
- Ability to create categories and add individual agencies to specific categories



# Planning - User Stories

Users can add new agencies to the database and include notes, providing helpful information to other individuals that may also benefit from similar services.



# Planning - Database

- User Table
- User-Role Table (to assign different authorization levels to users)
- Role Table (to allow for different authorization levels)
- Agency Table
- Category Table & Category-Agency Table



# Technology Stack

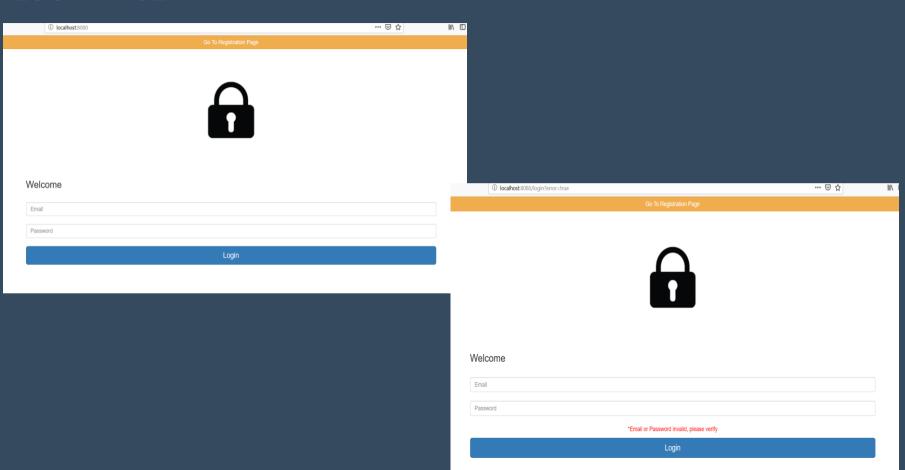
- Java
- Spring Boot
- Thymeleaf
- MySQL
- HTML/CSS/Bootstrap



## Demo

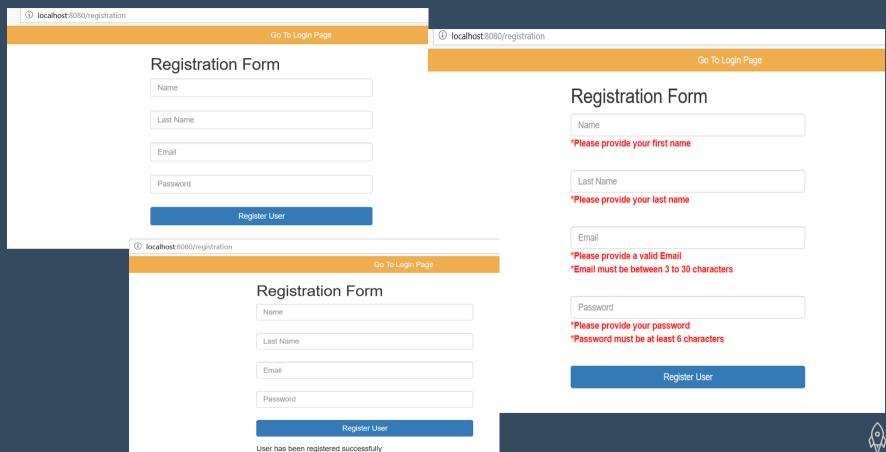


### **LOGIN PAGE**



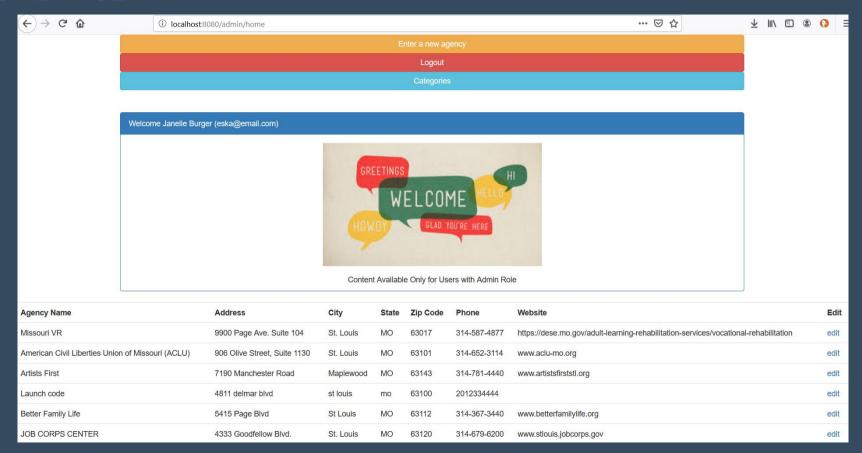


#### **REGISTRATION PAGE**





#### **HOME PAGE**



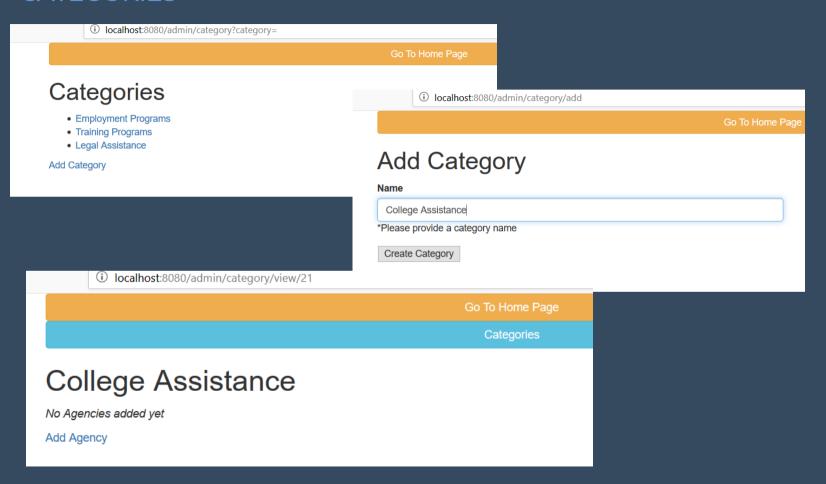


### **AGENCY REGISTRATION PAGE**

i localhost:8080/admin/agencyRegistration?agency= (i) localhost:8080/admin/agencyRegistration Agency Registration Form Agency Registration Form Agency Name Agency Name \*Please provide the name of the agency Address Address \*Please provide the address of the agency City City \*Please provide the city the agency is located in State State \*Please provide the state the agency is located in Zip Code Zip Code \*Please provide the zip code Phone Phone \*Please enter a phone number in this format XXX-XXX-XXXX Website Website Additional Information Additional Information Register New Agency Register New Agency

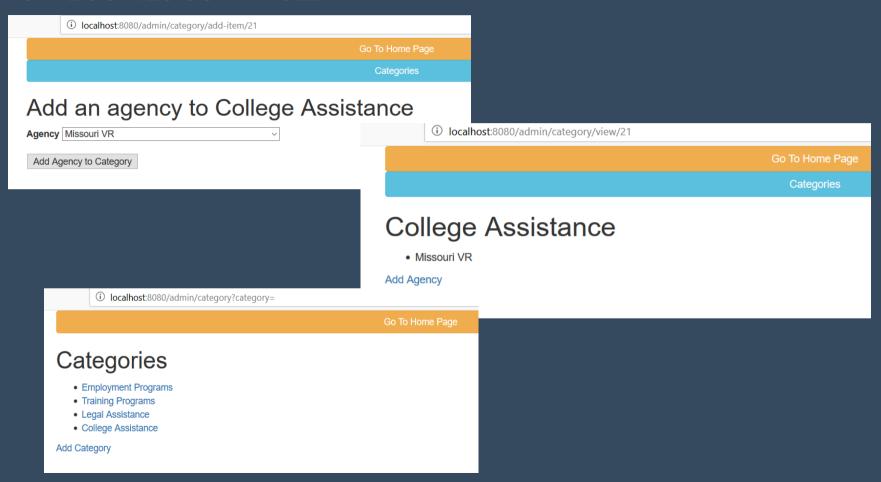


#### **CATEGORIES**





#### **CATEGORIES CONTINUED**





## What I Learned

- Spring Security: b-crypt password encryption, service layer interacting with repository/database, authentication, and authorization features
- More experience with MVC and slight differences required after implementing Spring Security



### What's Next

- Search Functionality to search agencies
- Improve UI
- User reviews attached to associated agency

