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



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



Technology Stack

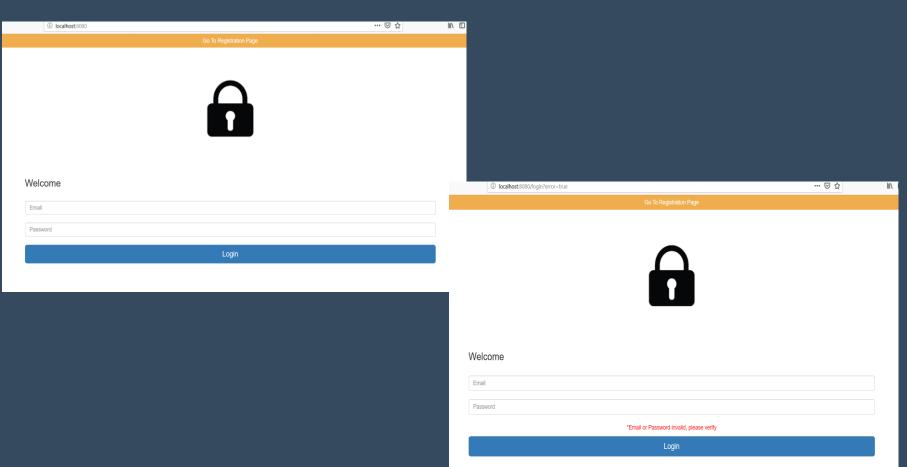
- Java
- Spring Boot
- Thymeleaf
- MySQL
- HTML/CSS/Bootstrap



Demo

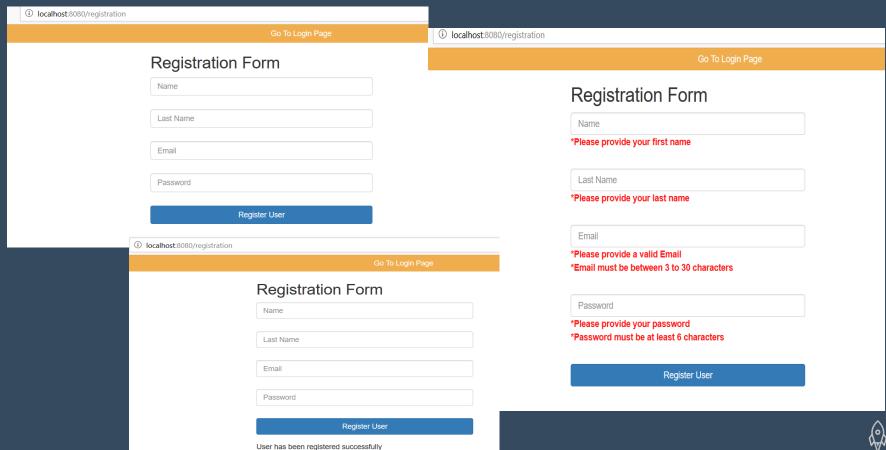


LOGIN PAGE



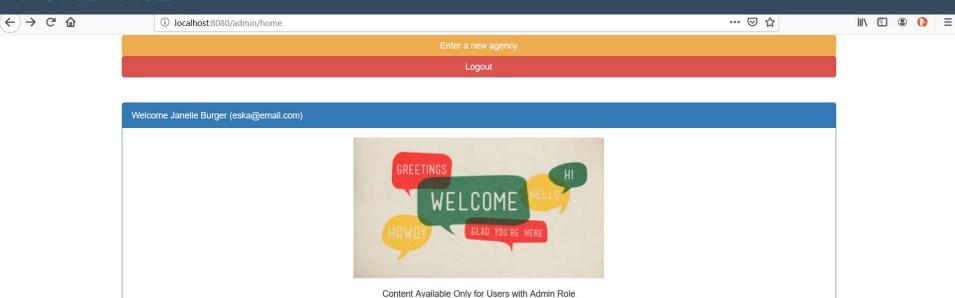


REGISTRATION PAGE





HOME PAGE



Agency Name	Address	City	State	Zip Code	Phone	Website	Edit
Missouri VR	9900 Page Ave. Suite 104	St. Louis	MO	63017	314-587-4877	https://dese.mo.gov/adult-learning-rehabilitation-services/vocational-rehabilitation	edit

American Civil Liberties Union of Missouri (ACLU) 906 Olive Street, Suite 1130 St. Louis MO 63101 314-652-3114 edit www.aclu-mo.org

Add | Remove



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



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

- Category functionality for agencies
- Improve UI
- User reviews attached to associated agency

