

# 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

localhost:8080

Go To Registration Page



Welcome


Email

Password

Login

localhost:8080/login?error=true

Go To Registration Page




Welcome

Email

Password

\*Email or Password invalid, please verify

Login





# REGISTRATION PAGE

localhost:8080/registration

Go To Login Page

## Registration Form

Register User

localhost:8080/registration

Go To Login Page

## Registration Form

\*Please provide your first name

\*Please provide your last name

\*Please provide a valid Email  
\*Email must be between 3 to 30 characters

\*Please provide your password  
\*Password must be at least 6 characters

Register User

localhost:8080/registration

Go To Login Page

## Registration Form

Register User

User has been registered successfully



# HOME PAGE

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localhost:8080/admin/home

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Enter a new agency

Logout

Categories

Welcome Janelle Burger (eska@email.com)



Content Available Only for Users with Admin Role

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	<a href="#">edit</a>
American Civil Liberties Union of Missouri (ACLU)	906 Olive Street, Suite 1130	St. Louis	MO	63101	314-652-3114	www.aclu-mo.org	<a href="#">edit</a>
Artists First	7190 Manchester Road	Maplewood	MO	63143	314-781-4440	www.artistsfirststl.org	<a href="#">edit</a>
Launch code	4811 delmar blvd	st louis	mo	63100	2012334444		<a href="#">edit</a>
Better Family Life	5415 Page Blvd	St Louis	MO	63112	314-367-3440	www.betterfamilylife.org	<a href="#">edit</a>
JOB CORPS CENTER	4333 Goodfellow Blvd.	St. Louis	MO	63120	314-679-6200	www.stlouis.jobcorps.gov	<a href="#">edit</a>



# AGENCY REGISTRATION PAGE

localhost:8080/admin/agencyRegistration?agency=

Go To Home Page

## Agency Registration Form

Agency Name

Address

City

State

Zip Code

Phone

Website

Additional Information

Register New Agency

localhost:8080/admin/agencyRegistration

Go To Home Page

## Agency Registration Form

Agency Name

**\*Please provide the name of the agency**

Address

**\*Please provide the address of the agency**

City

**\*Please provide the city the agency is located in**

State

**\*Please provide the state the agency is located in**

Zip Code

**\*Please provide the zip code**

Phone

**\*Please enter a phone number in this format XXX-XXX-XXXX**

Website

Additional Information

Register New Agency



# CATEGORIES

localhost:8080/admin/category?category=

[Go To Home Page](#)

## Categories

- [Employment Programs](#)
- [Training Programs](#)
- [Legal Assistance](#)

[Add Category](#)

localhost:8080/admin/category/add

[Go To Home Page](#)

## Add Category

Name

\*Please provide a category name

[Create Category](#)

localhost:8080/admin/category/view/21

[Go To Home Page](#)

[Categories](#)

## College Assistance

*No Agencies added yet*

[Add Agency](#)



# CATEGORIES CONTINUED

localhost:8080/admin/category/add-item/21

[Go To Home Page](#)

[Categories](#)

## Add an agency to College Assistance

Agency

[Add Agency to Category](#)

localhost:8080/admin/category/view/21

[Go To Home Page](#)

[Categories](#)

## College Assistance

- Missouri VR

[Add Agency](#)

localhost:8080/admin/category?category=

[Go To Home Page](#)

## Categories

- [Employment Programs](#)
- [Training Programs](#)
- [Legal Assistance](#)
- [College Assistance](#)

[Add Category](#)



# 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

