# 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

localhost:8080/admin/home

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

# AGENCY REGISTRATION PAGE

# CATEGORIES

Go To Home Page

## Categories

- Employment Programs
- Training Programs
- Legal Assistance

Add Category

Go To Home Page

## Add Category

**Name**

College Assistance

*Please provide a category name

Create Category

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** Missouri VR

[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