

Songs4SoldiersSTL.org

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Description

This project is a mobile-friendly responsive website which promotes the Mission of Songs for Soldiers, a non-profit organization which serves combat veterans. The site raises promotes their cause, offers secured purchases of merchandise and fund-raising event tickets, form to begin the process of receiving assistance or volunteering.



Features

- User Registration & Authentication
- Shopping Cart/Checkout for Merchandise and Event tickets
- Search and sort features for merch
- CRUD functionality for purchases & Order History
- Volunteer or Request Assistance



Planning - User Stories

Users can order event tickets & merchandise with a few simple clicks on a mobile device, (Current site is not mobile friendly), search and sort merchandise as well as Volunteer, Request Assistance (combat veterans) or browse the site for information about upcoming events.



Planning - Database

Database includes tables for Users (subsets: Volunteers, Veterans & Purchasers) as well a Product Catalog (planned) with search and sort features and a Purchase History (planned) so users can order products and retrieve past purchases.



Technology Stack

- Java (Server side), Javascript (front end)
- Spring Boot Framework
- Thymeleaf Template engine
- MySQL Database engine
- Other libraries, components or front-end framework TBD



Demo



What I Learned

- Spring Boot framework
- Thymeleaf template engine
- User Authentication



What's Next

- User Authentication
- Complete the layout and “look” of the entire site, adding images and special fonts
- Possibly using a front-end framework
- Link to Mobile Wallets for ease of checkout
- Sort/Search feature for Merchandise

