



ARK

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Description

This web application was born out of the desire to reorient how we talk about our needs, wants, and problems and connect with members of our community. In our individualistic world, it is an opportunity to engage that we can in fact help each other but we must be able to ask for it.



Features

- Allows users to create and share requests.
- Creates threads for users to respond to requests.
- Displays requests in a map view.
- Allows users to send gratitude to responders.
- Users receive email notifications from application.



Planning - User Stories

As a user I need to request help with a specific task because I cannot accomplish it on my own.

As a user I want to be able to safely connect with others.

As a user both create requests and respond to requests.

As a user I want to easily see local request near me plotted on a map.

As a user I want to to send gratitude to those who respond to my request.



Planning - Database

The database includes tables for users, user details, requests and responses.

Additionally, a thread table manages responses related to individual requests.



Technology Stack

- Java
- Spring Boot
- Thymeleaf
- MySQL Database
- Bootstrap
- JavaScript
- Google Map JavaScript API
- Spring Security
- Guava
- Passay
- Spring Mail





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What I Learned

- More about establishing relationships.
- Google Map API functionality.
- More about authentication.
- Responsive design using Bootstrap.
- Testing color accessibility.
- Generating email notifications



What's Next

- Applying more WCAG principles in the UI design.
- Developing a search feature to filter results.
- Creating a badge system for gratitude and beyond.
- Creating user email preferences

