

volunteerAngel

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Description

volunteerAngel is a system that solves the problem of volunteer registration and assignation to masses based on ministries. In the past a coordinator would receive hundreds of emails telling her when they could volunteer. After the assignments, there would be a blurr of emails asking for changes. With this system, the users place themselves in the masses they can serve.



Features

- Online Registration for ministers in a congregation
- Volunteer description and assignment to ministry
- Volunteer assignment to mass



Planning - User Stories

Highlight some of your projects' User Stories. Focus on explaining what this project can do from the user's perspective.



Administrator



- As an administrator, I want to restrict access to the system to valid users so that I can ensure we protect user information.
- As a logged-in administrator, I can create a new event.
- As a logged-in administrator, I can modify and delete any event.
- As a logged-in administrator, I can add volunteers to any event.



Volunteer



- As a valid and logged-in user, I want to access the system so that I can add my information.
- As a valid and logged-in user, I want to access the system so that I can delete some of my information.
- As a valid and logged-in user, I want to see my assignments for the month, so I can plan my weekends.



Planning - Database

Describe what tables are necessary in your DB, and how they relate to one another. Your goal is to show how you designed your database to allow for the user stories listed above.



Planning - Database

Mass	
Id	Int - Auto generated
Name	varchar

Mass_volunteers	
Masses_id	Int
Volunteers_id	int

Ministry	
Id	Int - Auto generated
name	varchar

Volunteer	
Id	Int - Auto generated
Last_name	varchar
Name	varchar
Ministry_id	int



Technology Stack

- Language: Java
- Framework: Spring
- Template engine: Thymeleaf
- Database engine: MAMP - MySQL
- Other libraries or components: Spring Security



Demo



What I Learned

- New framework or library : I have learned about Spring Security
- New technique: I learned a lot more about CCS and HTML to make the design of the page look aesthetically pleasing
- New feature or problem: creating a user profile



What's Next

- Add the option of a parent with multiple children volunteering
- Making the UI a LOT more appealing!
- Adding an interface for registration with QR during masses to keep track of volunteer hours served
- Printing reports

