Gifter

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Description

Gifter is a gift idea tracker to keep you in the giving mood. It allows you to add your friends and family as **recipients**, customize their gift-giving **occasions**, and save your **gift ideas** for the big day.

Features

- Secure user authentication
- CRUD functionality in multiple repositories
  - Add recipients
  - Create unique occasions for those recipients
  - Keep a list of gift ideas for each occasion
- User dashboard to automatically display the most urgent upcoming occasions

Planning - User Stories

- Inspired by the difficult task of remembering birthdays, and the frustration of forgetting a great gift idea by the time the day rolls around
- As a gift-giver, I want to track each recipient's unique occasions and save a list of gift ideas for them

Planning - Database

- User
  - Stores user authentication info
- Recipient
  - Highest level database, stores recipient contact info, other tables are nested within
- Occasion
  - Has a many-to-one relationship with Recipient
- Gift
  - Has a many-to-one relationship with Occasion

Technology Stack

- Java, Javascript, HTML
- Spring, Hibernate, Bootstrap
- Thymeleaf
- SQL

Demo

What I Learned

- How to collaborate on code as a team
- How to use the Bootstrap grid
- How to authenticate users and whitelist pages
- How to integrate JavaScript with Thymeleaf

What's Next

- Add Spring Security
  - Make recipients, occasions, and gifts unique to each user
- Email Notifications
  - Get a reminder when an occasion is coming up
- User Wishlist
  - Allow users to create their own wishlist to share with others