Grocery Prices

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Description

- A web application that allows people to track grocery prices in their area.
- The item database is updated with user input.
- Users can then create lists of items they need to purchase.

Features

- User account creation
- Querying the grocery item database
- Ability for users to create and edit shopping lists

Planning - User Stories

- Users are able to upload the prices and details of items purchased for tracking.
- Users can search the database to track the pricing changes of items.
- Users can also create personal shopping lists with recent prices to help budget their trip.

Planning - Database

- Primary databases are accounts, items, and shopping lists .
- Once a user creates an account, they can add items to the database and create shopping lists.
- Shopping lists are then made up of items that users add and remove to the list.

Technology Stack

- Language: Java
- IntelliJ IDEA
- Spring MVC
- Bootstrap
- MySQL database

Demo

What I Learned

- Improved Java skills
- Learned to connect an API
- Learned more CSS
- Improve skills in managing database

What's Next

- Implement searchable Google Maps API
  - This will be used to allow users to find stores near them
- Learn more CSS to improve the app design for a better user experience
- Improve user experience by including more editing options and pagination of data