Nutritional Search Engine

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Description

Reading nutrition labels for each and every food can be very tedious. EatSheet allows users to search a database of nearly 9000 foods in order to see what complies with their diet.

Features

- Search by keyword
- Search by nutritional content, up to three parameters
- User register/login

User Stories

- Users info is secured and saved in the database.
- Users can search an additional, optional two parameters.
- Users can access USDA National Nutrient Database for Standard Reference.
- Users can mildly enjoy the custom css.
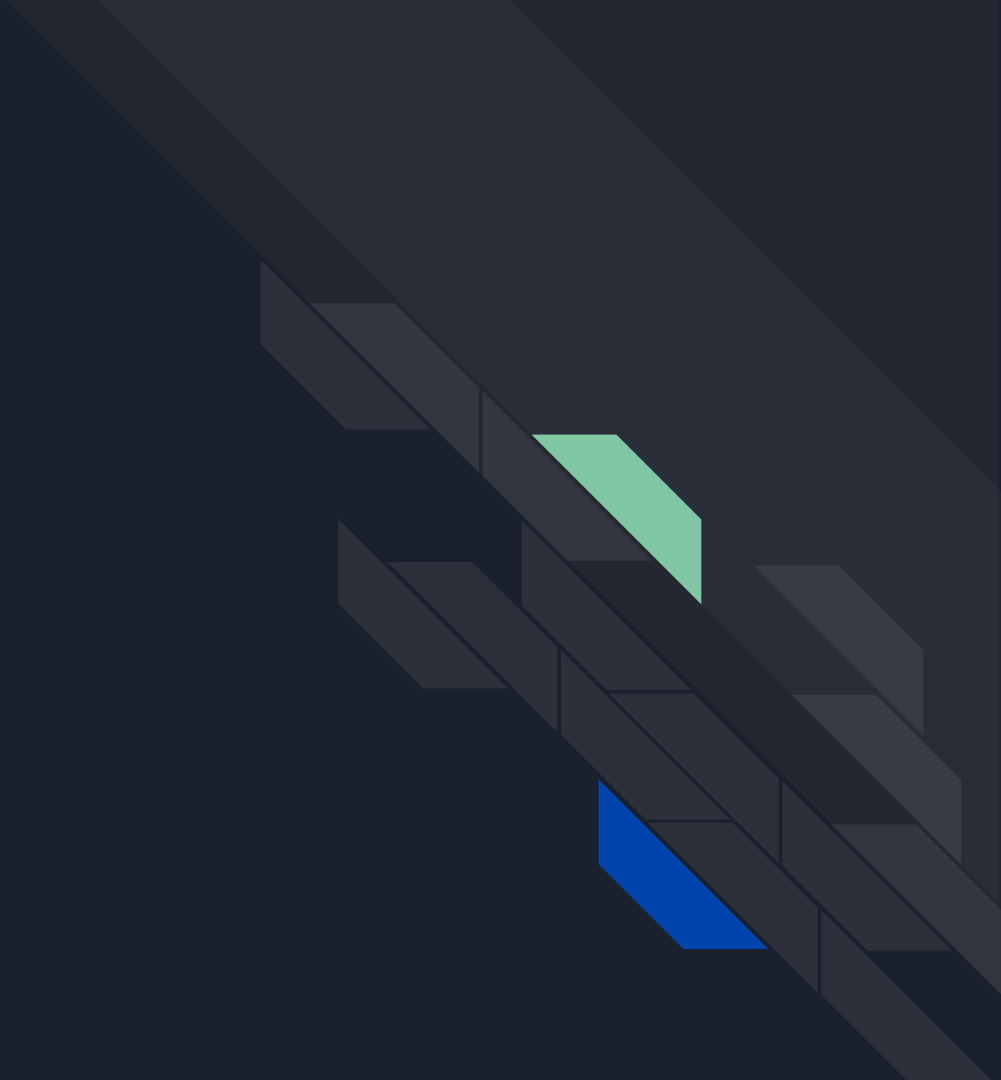
Planning - DB and Models

- Food
- User
- FoodData

Technology Stack

- Java
- HTML
- CSS/BootStrap
- Mamp
- ThymeLeaf
- Spring/hibernate
- Gradle

Demo.

What I Learned

- How to connect to an pre-existing table on mamp.
- Java user validation
- Java user security
- Java sessions
- Implementing different versions of bootstrap
- Agile ceremonies

What's Next?

- Connect to the USDA Branded Food Products Database.
- Allow users to save foods to a list.
- More info on dieting why and how.
- More styling/interactivity.
- Forgotten password email feature.