

# FizzyBubbly

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# Description

Fizzybubbly is a product review site dedicated to cataloging non-alcoholic seltzers and sparkling waters. Users will be able to search for products and log in to create product reviews and ratings. This project was conceived with a desire to easily discover and remember drinks that are becoming steadily more popular and therefore more numerous.



# Features

- Search through a database of seltzers/sparkling waters
- Sign up for/log in to a personal account
- Add new products to the database
- Create reviews and ratings for any product



# Planning - User Stories

- Any visitor to the site may search the database for products
- Any visitor may view individual product pages with relevant information, ratings, and reviews left by users
- Visitors may sign up to become a user and reach additional features
- Users may log in to access the ability to add products to the database, rate products, and leave reviews



# Planning - Database

- Drink, brand, user, and review tables
- The Drink table holds all product information and is connected to the brand table by brand id
- Brand was made into a class so that the table may eventually hold more brand-specific information such as a website
- The User table holds account information such as username and hashed password
- The Review table holds the review text itself as well as the ids of the user who created the review and the product the review is for



# Technology Stack

- Java
- Spring Boot
- Thymeleaf
- Bootstrap
- MySQL
- Heroku



# Demo

- Website: <https://fizzybubbly.herokuapp.com>
- Demo video: <https://youtu.be/-Om5BBTyuTY>



# What I Learned

- Implementing Authentication features in spring
  - Filtering requests, creating log in and sign up features, storing hashed passwords
- Adding images and file paths to database
- Creating a user profile
- How to work effectively on a team
- Agile Methodology
- Deeper knowledge of My SQL and MVC practices
- Deeper knowledge of Thymeleaf and Bootstrap.





# What's Next

- Add the ability to upload images when adding a product or for creating a user profile
- Incorporate a map API and build a feature to search for nearby retailers
- Use the email data from user profiles to add a password reset option

