

What's Cooking Application Guide

Running Application on Local Computer

There are a few ways for us to run this program. Below we will show two ways of doing it. One is using the IntelliJ IDE, which is used to code the application, and another one is using the GIT Bash commands.

Using IntelliJ IDE

1. Go to the folder of the application following the path: `src\main\java\com\swe\whatcooking`
2. Run the `WhatsCookingApplication.java` file

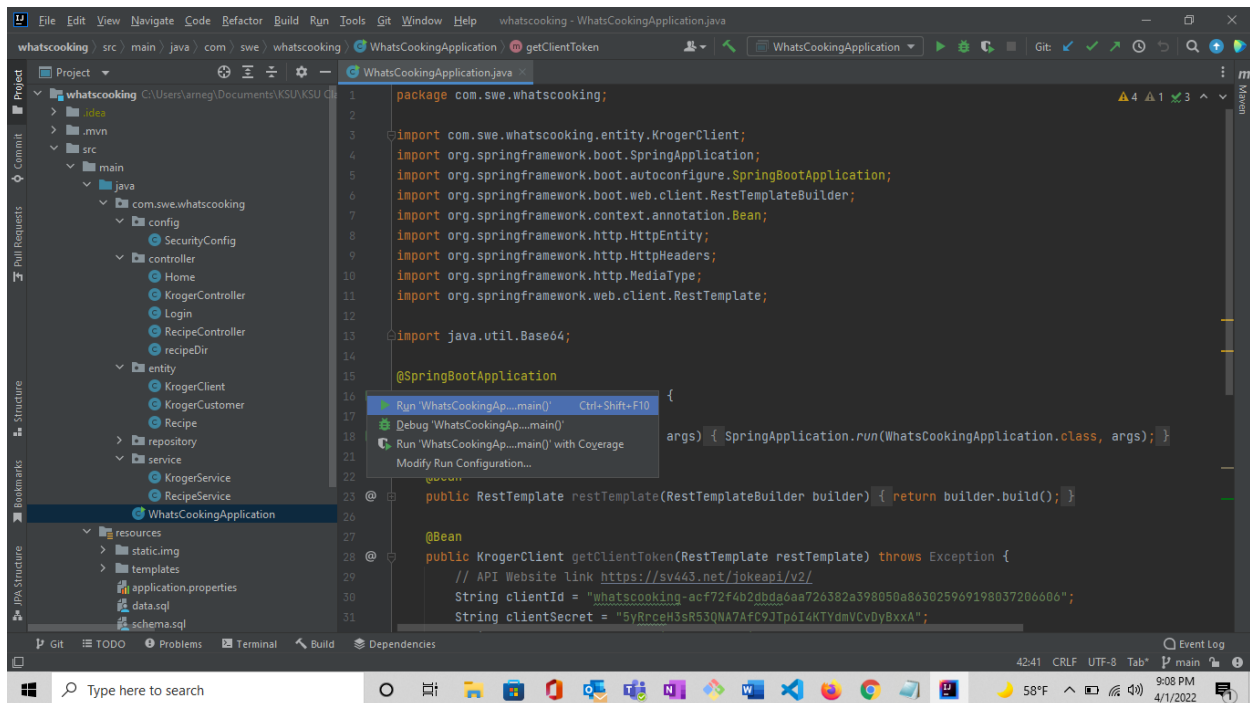


Figure 1- IntelliJ IDE View

Using Git Bash

The steps below include the cloning of the project. If you have done the cloning already, go to the main folder in which the POM file will be available along with the read me and such, and enter only the third command as shown in figure 2.

1. `$ git clone https://github.com/marcusdorseyl/WhatsApp2.git`
2. `$ cd WhatsApp2`
3. `$./mvnw spring-boot:run`

```
arneg@DESKTOP-NAIOUHG MINGW64 ~/Documents/KSU/KSU Classes/SWE 6813 - Web Service Engineering/Dev Project/Full Project/whatscooking (main)
$ ./mvnw spring-boot:run
```

Figure 2- Running Spring Boot Application Command

Dynamic Web Application

You will be taken to the home page of our application. Currently this shows a dynamic view of the layout we would like to show our users. From this page we can select the Details button to see more information about a particular recipe. Press any Details button under the recipes to test our next Feature.

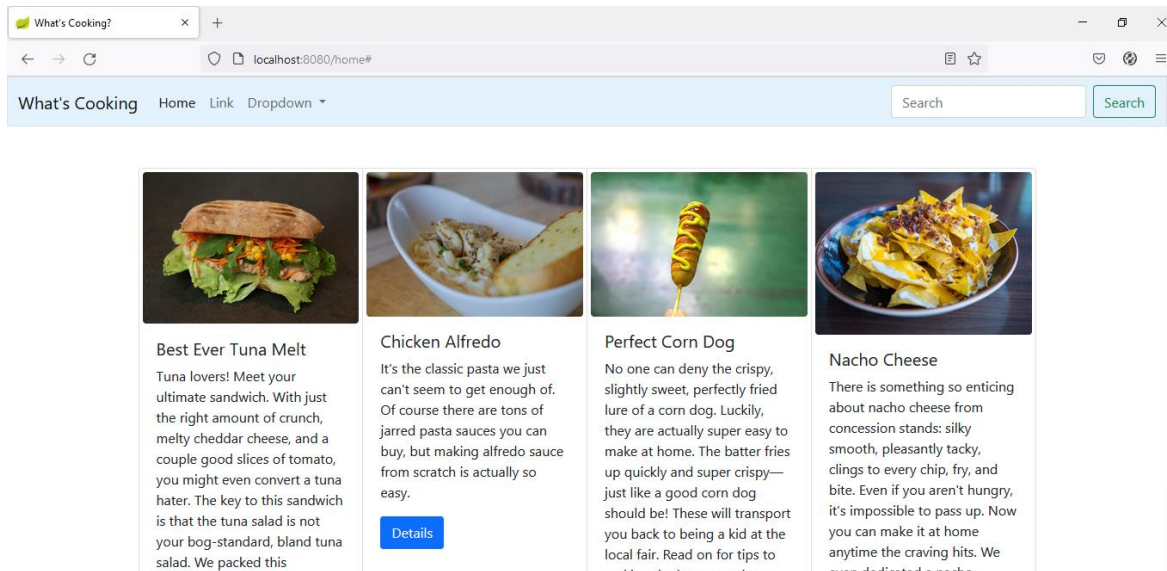


Figure 5- What's Cooking Home Page

Kroger API Functionality

In order to test this functionality, the user must have a Kroger Account or can create a new one while authorizing our application to add items to the cart. To test this feature, we must go to our home page and enter into the details of any recipe to take us to the Recipe Details screen. Once you are in the details view as shown in figure 7, we can press the button Order Ingredients to start the process of adding items to the Kroger cart. This will add ingredients to your cart, but at the moment they are hardcoded.

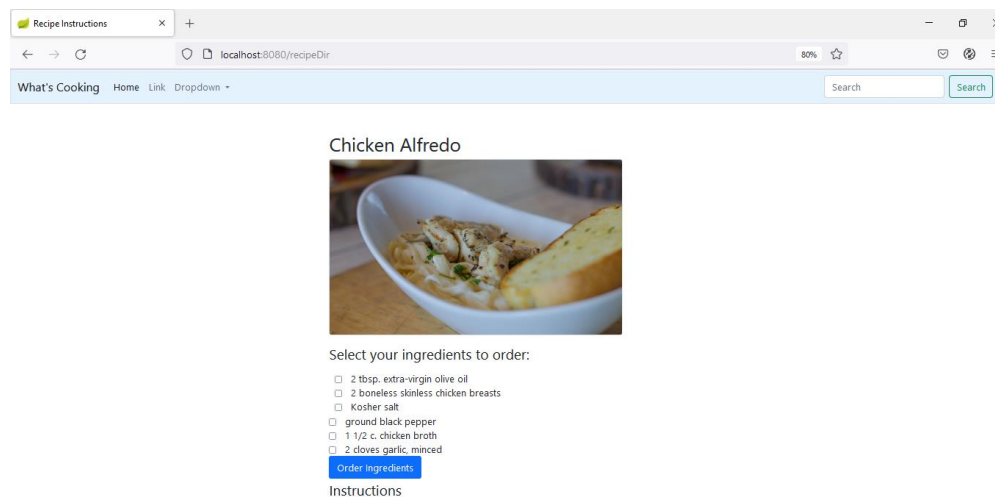


Figure 6- Recipe Details View

Kroger Cart Authorization

Once the button to Order Ingredients has been pressed, the application will take us to the Kroger Authorization as shown in figure 8. Enter a personal Kroger Login information or Sign Up for an account if we do not have one. After agreeing to the terms, the application will take us back to our home page. When we go back to the Kroger website [link](#) and log into the account, we will see the items there. This functionality is currently hard coded into the system to prove those items.

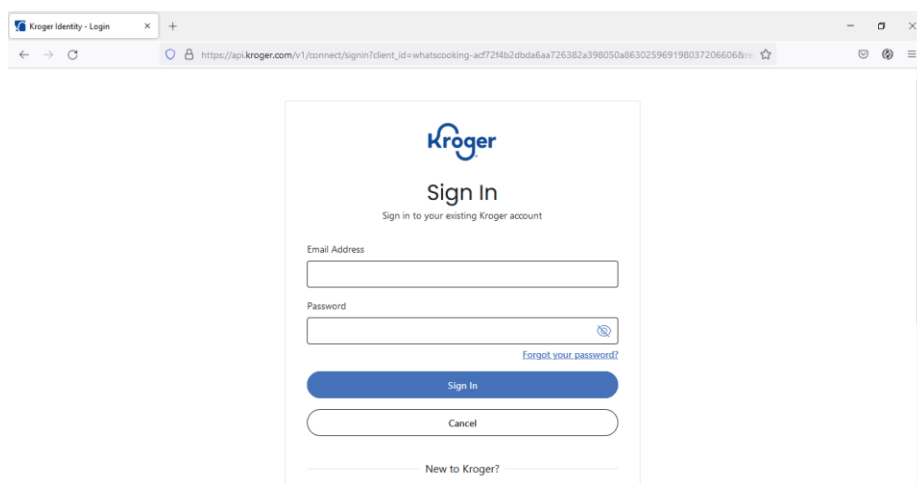


Figure 7- Kroger Authorization Page

API Endpoints

Finally, our last feature provides a small REST API endpoint in which we will share the recipes entered in our system to the world. In order to see all the API endpoints, we will have to go to <https://whats-cooking-app-swe6813.herokuapp.com/swagger-ui/index.html> URL. This endpoint will list all the API endpoints available in our application. You can use this to execute the commands and see the response. Currently it uses Basic authentication which is the same username and password as the website.

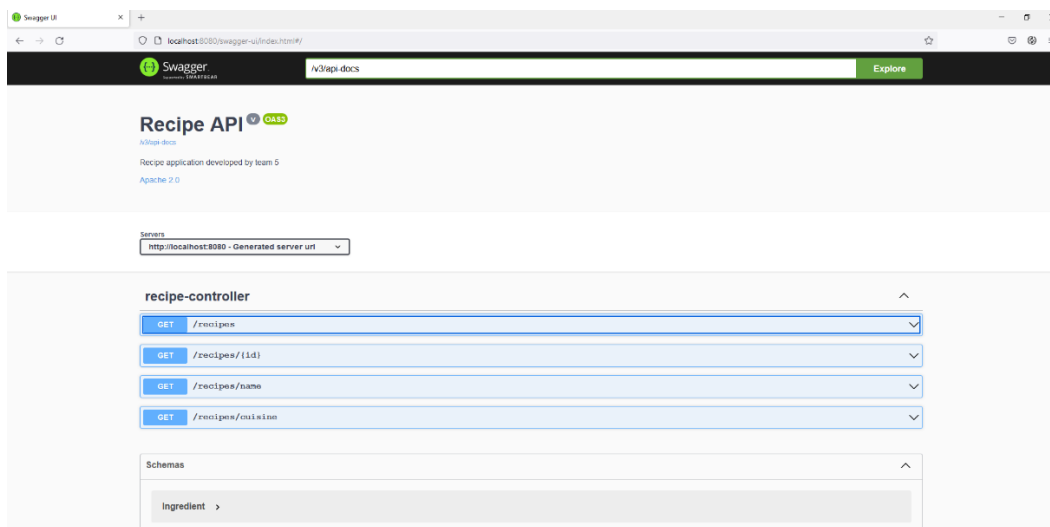


Figure 8- Recipe API Documentation