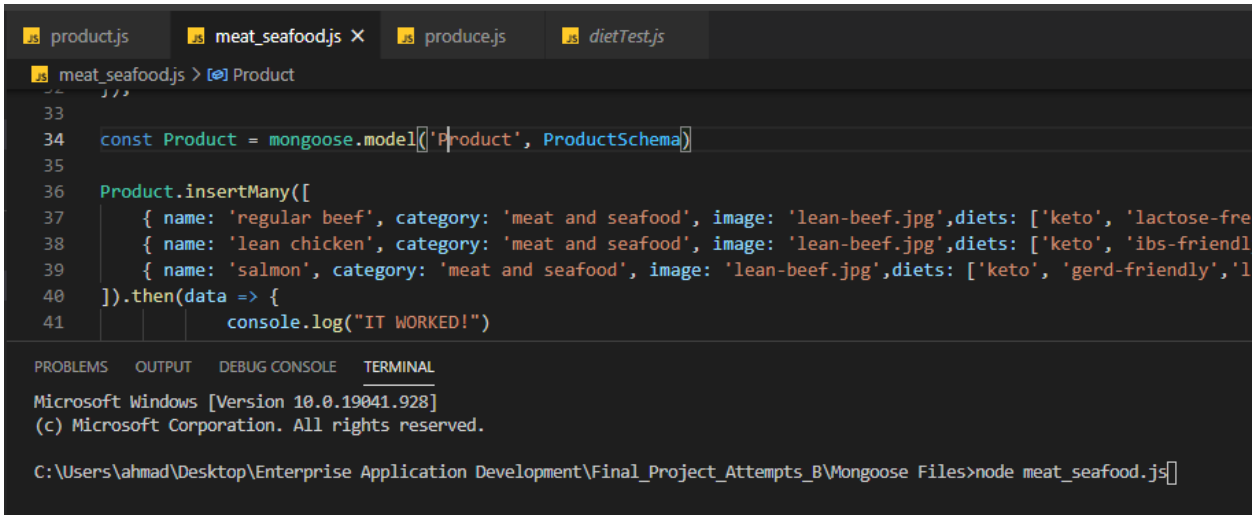
Specialized Grocery Application User Guide

The purpose of the accompanying application is to create a user shopping experience where users can can filter products based on their dietary restrictions. The landing page offers all products and a panel of checkboxes associated for each diet. Users can toggle as many checkboxes as they like, and results match criteria for all toggled checkboxes. For every product displayed there are both “choose product” and “checkout” buttons, which will be discussed later. Customers are prompted to complete a simple form, and if successful, they will be redirected to a “Thank you page”.

Server

Unzip the Mongoose_Seed_Data Directory, run npm install to install the necessary node modules from the package.json, decide the desired name of your database and change the default if necessary in the following files:

- Mongoose_Seed_Data
  - Meat_seafood.js
  - Produce.js
  - 

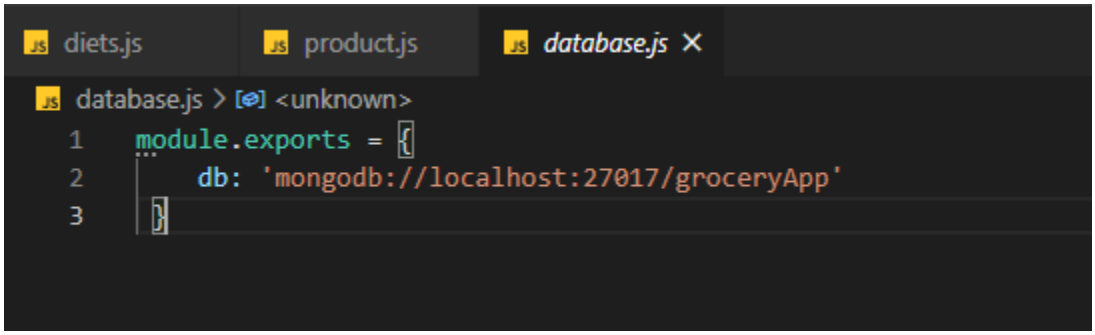
- Server
  - Database.js
  - 

Figure 1 Default Database Name

In a terminal execute node meat_seafood.js and node produce.js. These actions will create a products collection in the database if one does not exist and insert data.

In the server, also execute “npm install”.

Finally, to initiate the server navigate to the server directory and run “npm start”. Output should look like this:

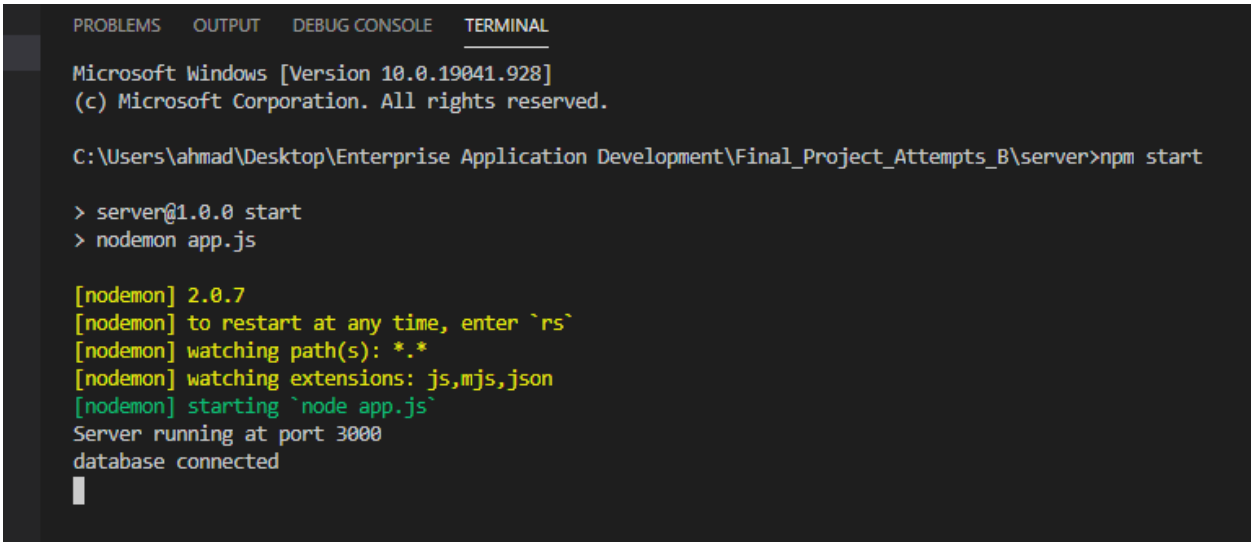


Figure 2 Server Execution Output

Client

Install vue/cli globally in a directory of your choice, then into that directory unzip the client file. After unzipping, run npm install to install contents from the package.json. Next, in a separate terminal, run “npm run serve”. The terminal should look as such:

```
Microsoft Windows [Version 10.0.19041.928]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ahmad\Desktop\Enterprise Application Development\Final_Project_Attempts_B\client>npm run serve

> client@0.1.0 serve
> vue-cli-service serve

 INFO  Starting development server...
98% after emitting CopyPlugin

 DONE  Compiled successfully in 3500ms


  App running at:
  - Local:   http://localhost:8080/
  - Network: http://192.168.1.216:8080/

  Note that the development build is not optimized.
  To create a production build, run npm run build.
```

Figure 3 Client Terminal Output

After following the aforementioned steps, navigate to the associated localhost if not on port 8080. You should see the display below.

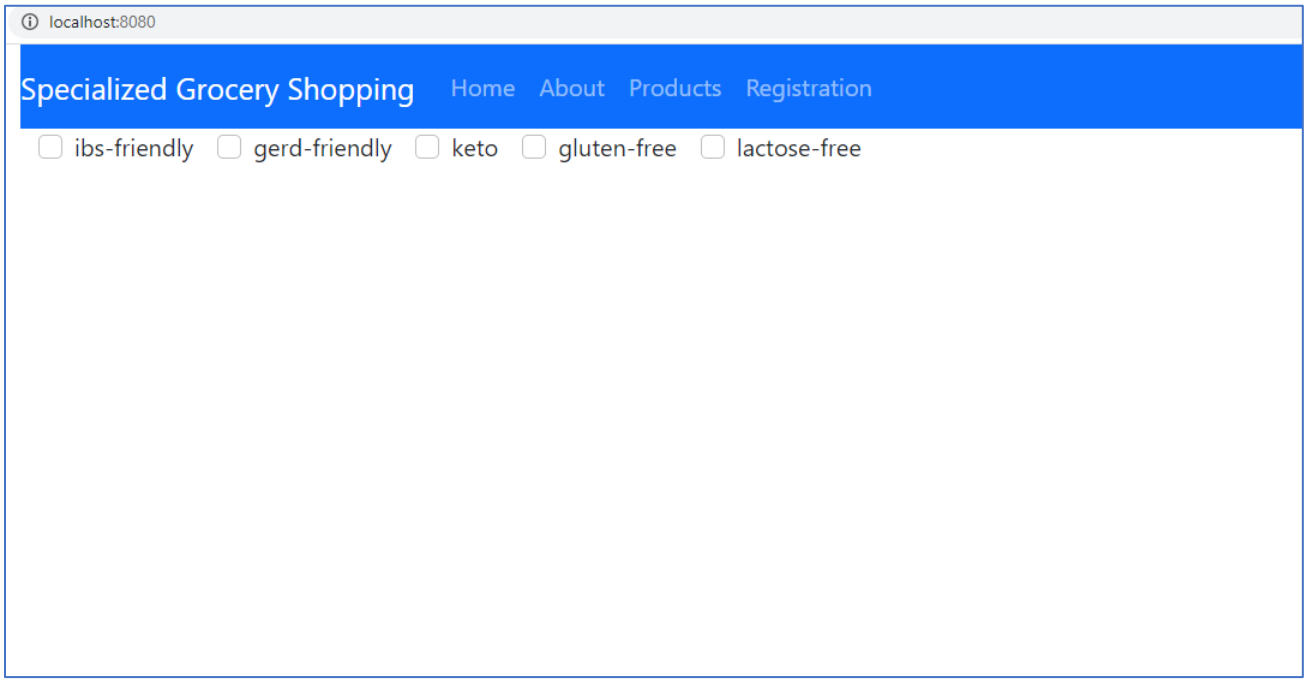


Figure 4 Home Page

Toggling a checkbox should produce output below. To purchase a product, first select “Choose Product” then click “checkout”.

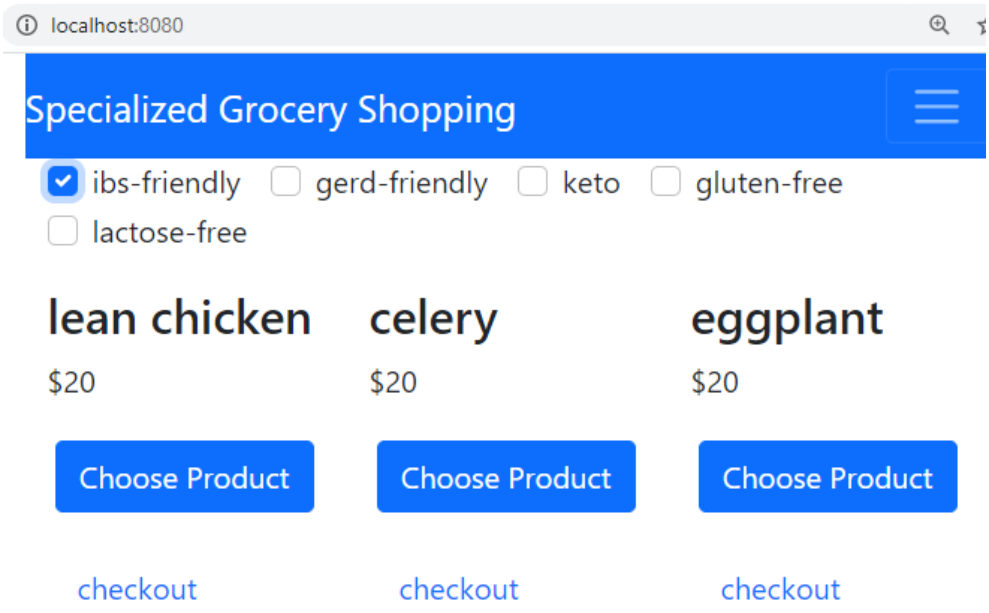


Figure 5 Product Display

In a form page you should see the chosen product. Complete the form if satisfied and select “Place Order”. Otherwise select “Back” to return to previous page.

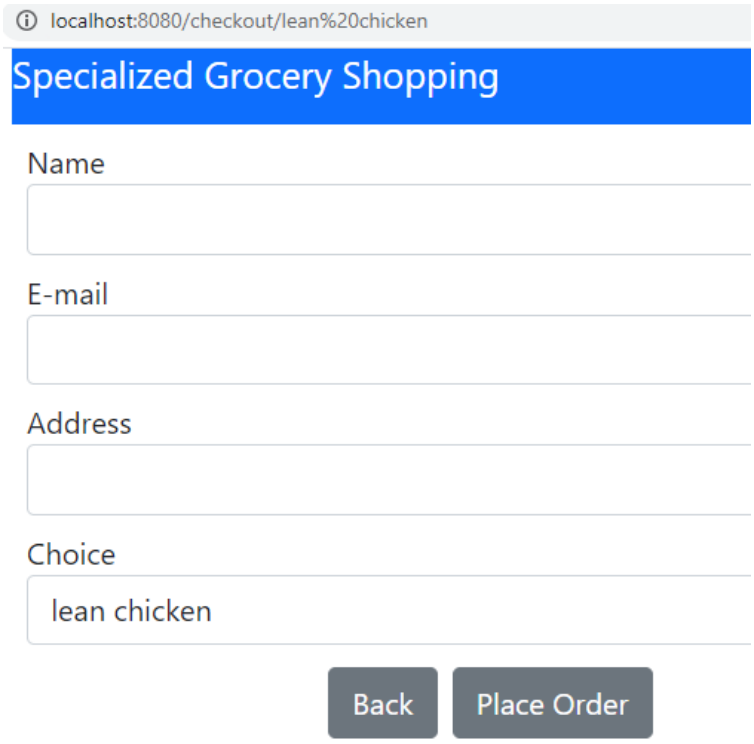


Figure 6 Checkout Page

Upon selecting “place order” you should be redirected to a thank you page.

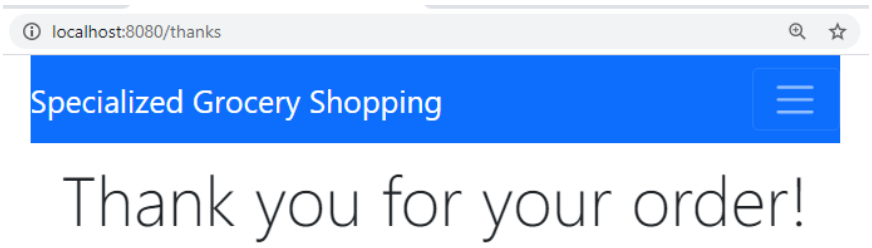


Figure 7 Order Success