

Specialized Grocery Application User Guide

The purpose of the accompanying application is to create a user shopping experience where users 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

```

product.js  meat_seafood.js X  produce.js  dietTest.js
meat_seafood.js > Product
33
34 const Product = mongoose.model('Product', ProductSchema)
35
36 Product.insertMany([
37   { name: 'regular beef', category: 'meat and seafood', image: 'lean-beef.jpg',diets: ['keto', 'lactose-free'],
38   { name: 'lean chicken', category: 'meat and seafood', image: 'lean-beef.jpg',diets: ['keto', 'ibs-friendly'],
39   { name: 'salmon', category: 'meat and seafood', image: 'lean-beef.jpg',diets: ['keto', 'gerd-friendly'],
40 ]).then(data => {
41   console.log("IT WORKED!")

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Microsoft Windows [Version 10.0.19041.928]
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C:\Users\ahmad\Desktop\Enterprise Application Development\Final_Project_Attempts_B\Mongoose Files>node meat_seafood.js

-
- Server
 - Database.js

```

diets.js  product.js  database.js X
database.js > <unknown>
1 module.exports = {
2   db: 'mongodb://localhost:27017/groceryApp'
3 }

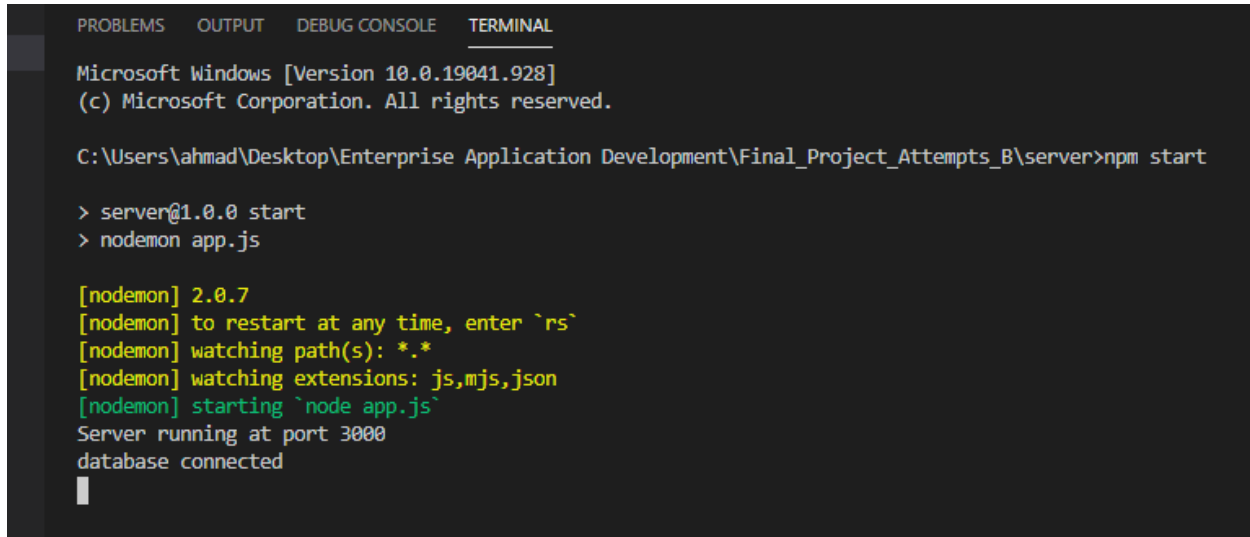
```

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:



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
Microsoft Windows [Version 10.0.19041.928]
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C:\Users\ahmad\Desktop\Enterprise Application Development\Final_Project_Attempts_B\server>npm start

> server@1.0.0 start
> nodemon app.js

[nodemon] 2.0.7
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node app.js`
Server running at port 3000
database connected
```

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:

```
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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.

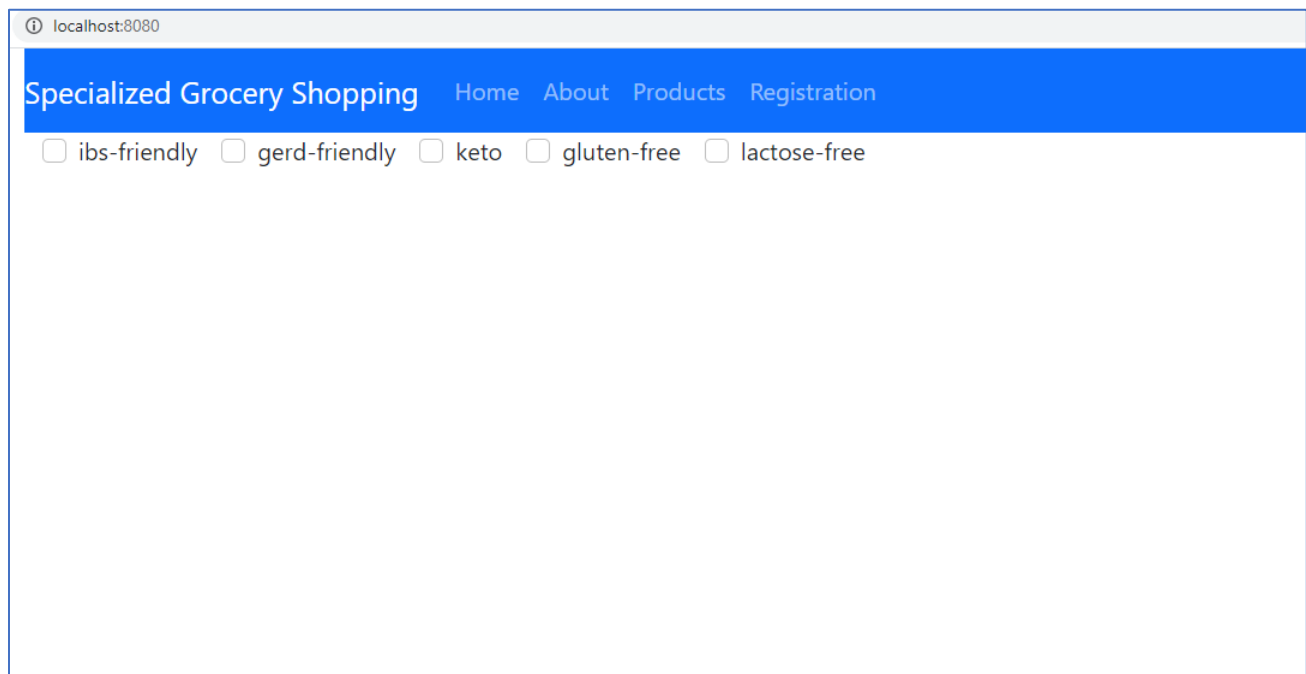
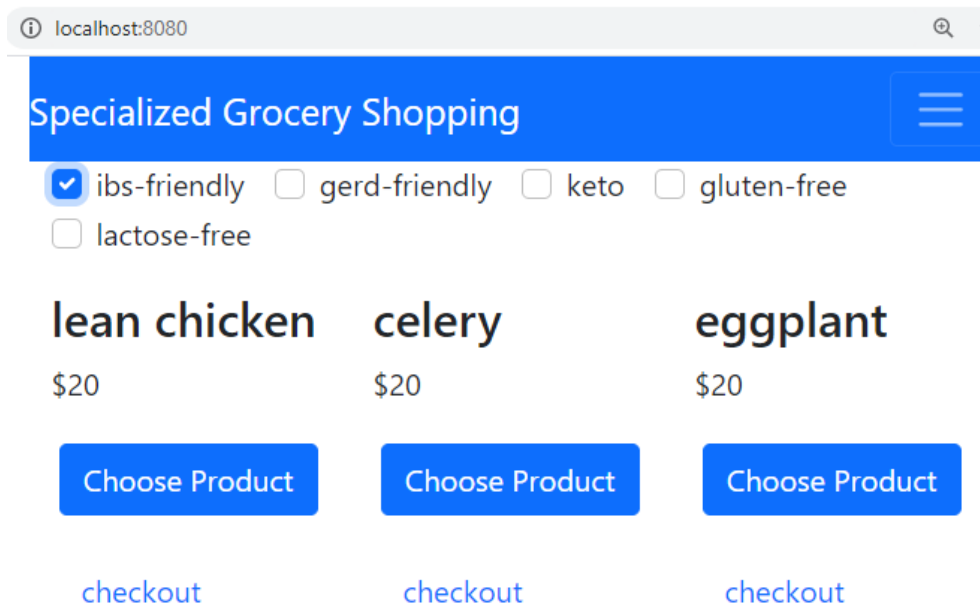


Figure 4 Home Page

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



localhost:8080

Specialized Grocery Shopping

☒ ibs-friendly ☐ gerd-friendly ☐ keto ☐ gluten-free
☐ lactose-free

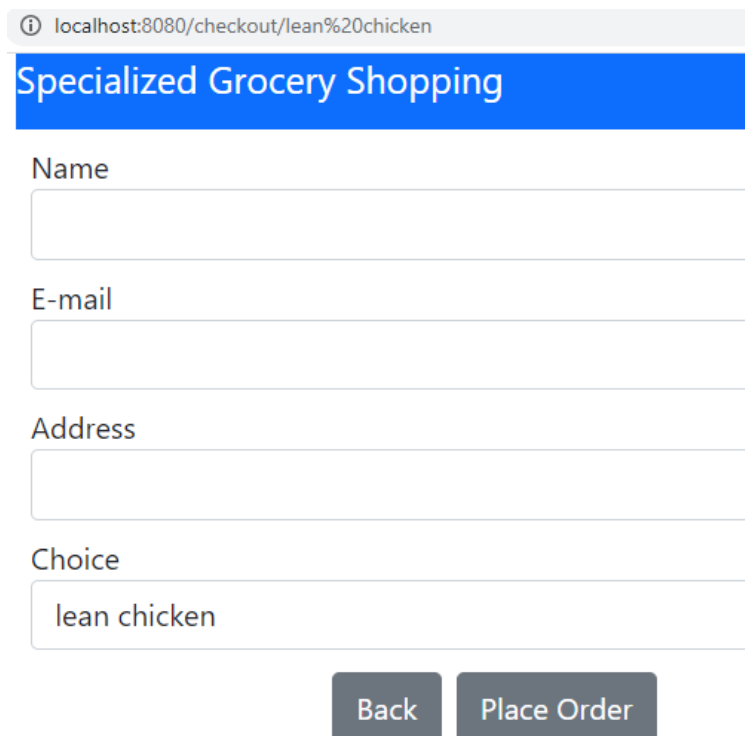
lean chicken
\$20
[Choose Product](#)
[checkout](#)

celery
\$20
[Choose Product](#)
[checkout](#)

eggplant
\$20
[Choose Product](#)
[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.



localhost:8080/checkout/lean%20chicken

Specialized Grocery Shopping

Name

E-mail

Address

Choice
lean chicken

[Back](#) [Place Order](#)

Figure 6 Checkout Page

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

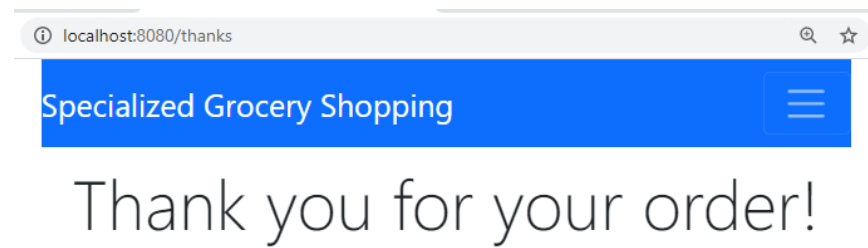


Figure 7 Order Success