In this file I will give a comprehensive guide on how to run our application.

GitHub Link: https://github.com/Je-et/GP_CS476

Using your choice of source code editor (for this file, I will use VS Code):

1.) Clone the repository: git clone https://github.com/Je-et/GP_CS476.git

2.) Move to the GP_CS476 directory if you haven't already: cd GP_CS476

3.) Run this: npm install gh-pages --save-dev

4.) Run this: npm install axios

5.) Move to the backend directory: cd backend

6.) Run the database: python main.py

7.) open a different terminal and go to the GP_CS476 directory, then run this to open the application locally: npm start

8.) By following these steps, you have successfully pulled the files, run the database and the application.

For reference, here are the other commands we used during our development of our application:
Install pip: python get-pip.py

Install pipenv: pip install pipenv or py -m pip install pipenv

Setting up the virtual environment: pipenv shell

Installing dependencies: pip install python_decouple flask flask_restx flask_sqlalchemy flask_jwt_extended flask_migrate

Managing dependencies: pip freeze > req.txt

Setting up Flask_APP: "$env:FLASK_APP = 'main.py'"

Initialize the migration repository: flask db init

Initialize the database: flask shell
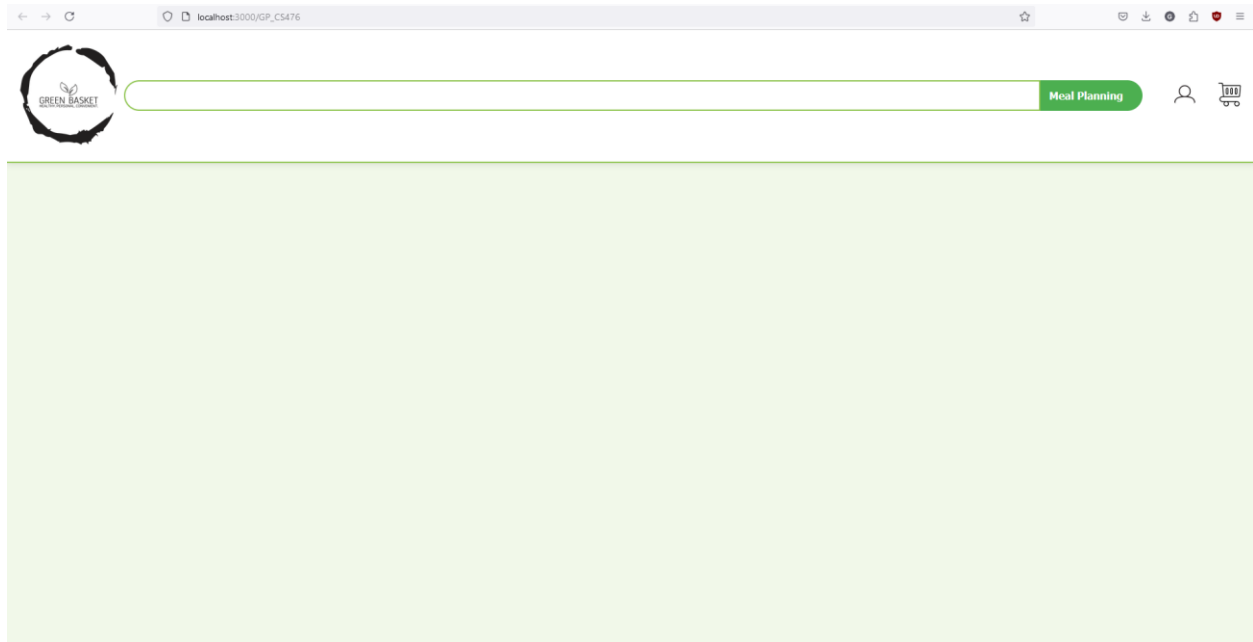
Inside the Flask shell, run: db.create_all()

Create migration: flask db migrate -m "message"
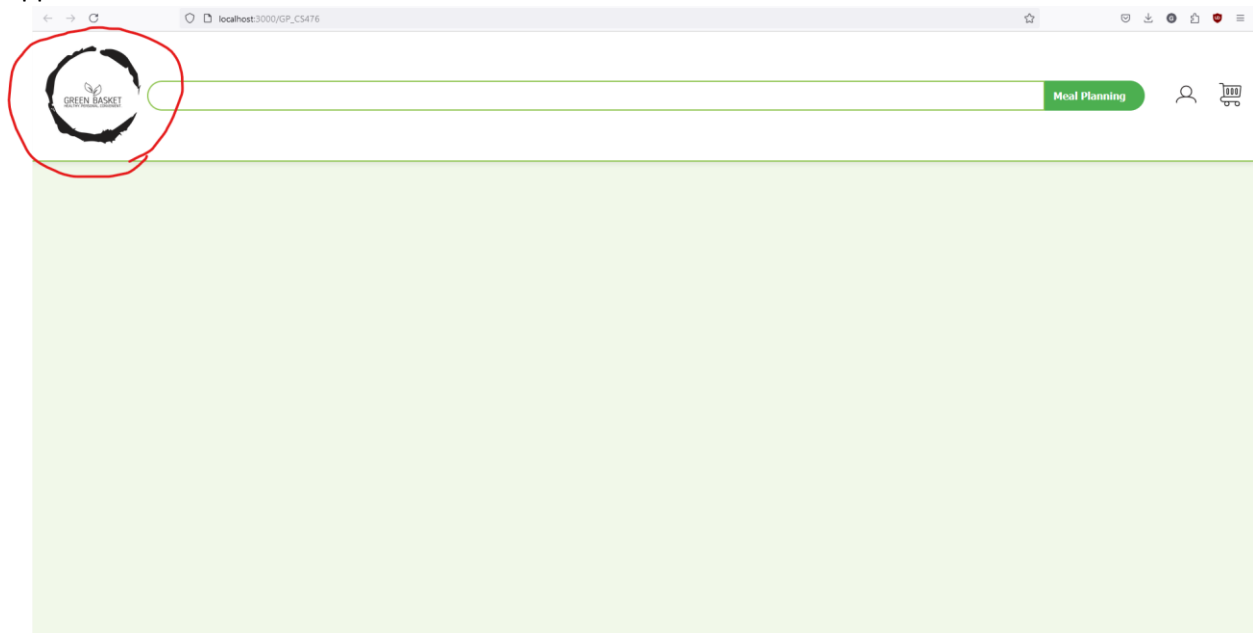
Apply migration: flask db upgrade

Initializing the server: python main.py

Initializing the webpage: npm start

Finally, when you initially start our application, it may look like this. This is due to the items taking a long time to render in our homepage.

To render the items, click the top left logo (circled in red) to properly render the items within the application

Afterwards, the application should look like this.