Web322 - Assignment1

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Express web server set up

npm init

npm install express

Create server (main.js)

```javascript
var express = require("express");
var app = express();

var HTTP_PORT = process.env.PORT || 8080;

// call this function after the http server starts listening for requests
function onHttpStart() {
  console.log("Express http server listening on: " + HTTP_PORT);
}

app.listen(HTTP_PORT, onHttpStart);
```

Route Handlers Implementation

create a "views" folder for our HTML files inside the working (open) folder

add a new require for the path module

add the new .html pages

make routes and use the **sendFile** method

```
var path = require("path");
```

```
/node_modules
/views
    home.html
    customerRegistration.html
    login.html
    mealsPackagePage.html
main.js
    package.json
```

```javascript
// setup another route to listen on /home
app.get("/home", function (req, res) {
    res.sendFile(path.join(__dirname,
"/views/home.html"));
});
```

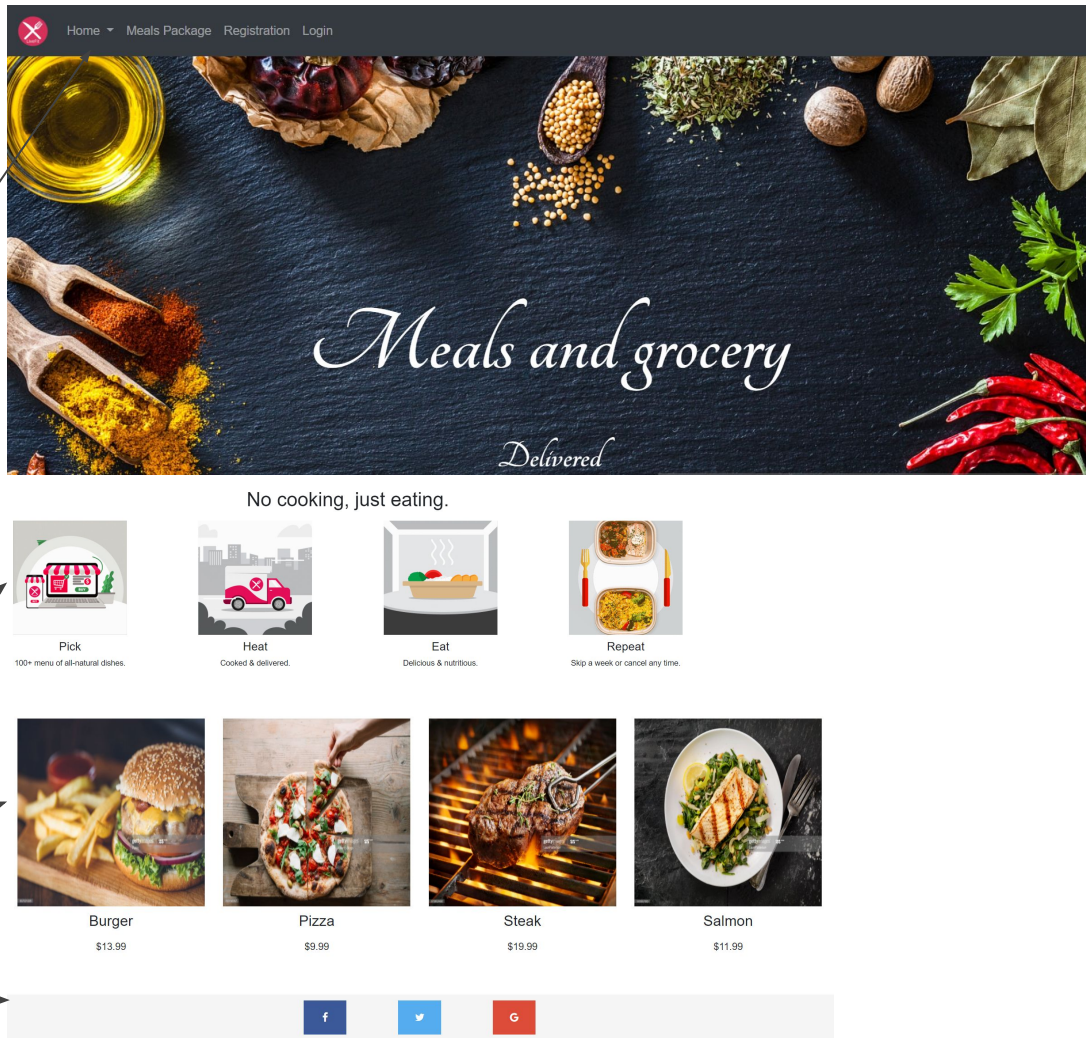# Home Page (1/2)

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Using Bootstrap

Header

Navigation bar

Hero Section

Content Section

Top-meal Package

Footer

Home ▾ Meals Package Registration Login

Meals and grocery

Delivered

No cooking, just eating.

Pick
100+ menu of all-natural dishes.

Heat
Cooked & delivered.

Eat
Delicious & nutritious.

Repeat
Skip a week or cancel any time.

Burger

$13.99

Pizza
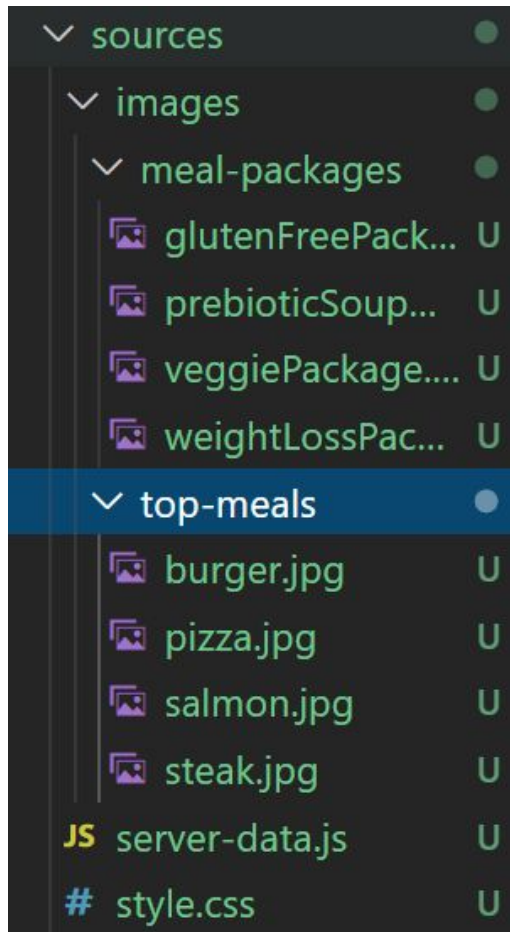
$9.99

Steak

$19.99

Salmon

$11.99

Home Page (2/2)

— — —

Serving static files

```
// setup the static folder that static resources can load from
// like images, css files, etc.
var dir = path.join(__dirname, "/sources");
app.use(express.static(dir));
```
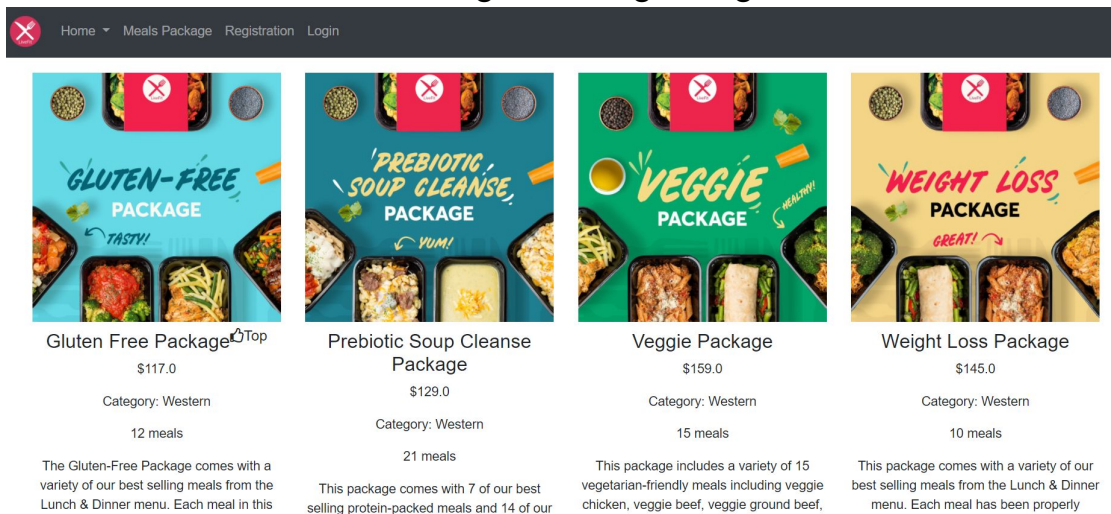
sources
  images
    meal-packages
      glutenFreePack...   U
      prebioticSoup...   U
      veggiePackage....   U
      weightLossPac...   U
    top-meals
      burger.jpg   U
      pizza.jpg   U
      salmon.jpg   U
      steak.jpg   U
  JS server-data.js   U
  # style.css   U

Meal Package Listing page (1/2)

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4 sample meal packages within a 4 column grid layout

Every meal package have (1)image, (2)title, (3)price, (4)food category, (5)number of meals, (6)synopsis of the content, (7)boolean attribute indicating if it is a top package
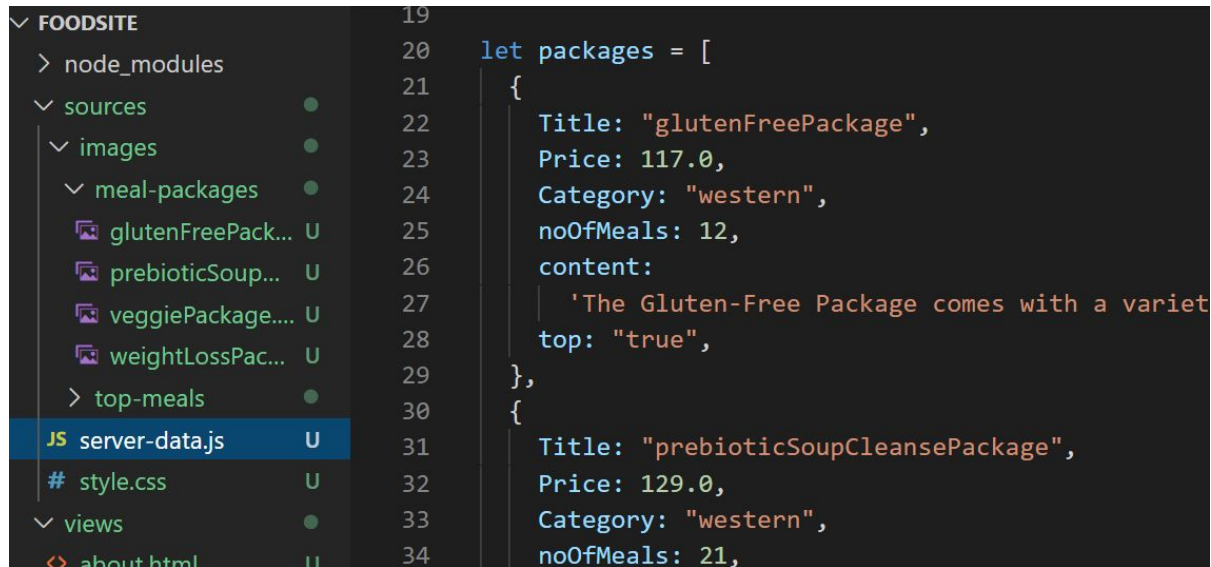
Meal Packages Listing in a grid


```
<div class="col-sm-3" id="meal_packages">
  <div class="work-box-image">
    <img
      src="images/meal-packages/weightLossPackage.jpg"
      class="img-fluid image-animated"
      alt=""
    />
  </div>
  <div class="work-box-content text-center" style="margin-top: 10px">
    <h4>Weight Loss Package</h4>
    <p>$145.0</p>
```

Meal Package Listing page (2/2)

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Data for this section must is static.

I defined the data in a separate module (JavaScript file).

```
FOODSITE
  > node_modules
  ∨ sources                      ●
    ∨ images                     ●
      ∨ meal-packages            ●
          glutenFreePack...  U
          prebioticSoup...   U
          veggiePackage....  U
          weightLossPac...   U
      > top-meals                ●
    JS server-data.js          U
    # style.css                  U
  ∨ views                        ●
    <> about.html                U
```

```javascript
19
20  let packages = [
21    {
22      Title: "glutenFreePackage",
23      Price: 117.0,
24      Category: "western",
25      noOfMeals: 12,
26      content:
27        'The Gluten-Free Package comes with a variet
28      top: "true",
29    },
30    {
31      Title: "prebioticSoupCleansePackage",
32      Price: 129.0,
33      Category: "western",
34      noOfMeals: 21,
```

Registration Page

— — —

This is implemented as an entirely new page.

The page maintains consistency regarding its structure, header, nav, hero section, footer, and etc as the home page.

Create Account

Get started with your free account

Login via Twitter

Login via facebook

Login via google

OR

👤	Full name

✉	Email address

📞	+647 ⇕	Phone number

🔒	Create password

🔒	Repeat password

Login Page

— — —

This is implemented as an entirely new page.

The page maintains consistency regarding its structure, header, nav, hero section, footer, and etc as the home page.

Email address *

Enter Email address

Password *

Enter Password

☐ Remember Me

SIGN IN

f Login With Facebook

🐦 Login With Twitter

G+ Login With Google

Forget your password?

Thank you