

Introduction

Goodfood (<https://www.makegoodfood.ca/>) is a popular Canadian meal delivery company that creates recipes and delivers the ingredients straight to your door. You have been contracted as a full-stack programmer to develop your version of the *Goodfood* website.

Your website should not look the same as the *Goodfood* website however you can use the website (or similar meal delivery websites) to inspire the look and feel for your implementation.

The implementation of the website will be spanned over five assignments. In this assignment, you will focus on building views for your web application. There is no database connectivity required at this time.

Reminder about academic integrity

You must comply with the [Seneca College's Academic Integrity Policy](#). Although you may interact and collaborate with others, this assignment must be worked on individually and you must submit your own work.

You are responsible to ensure that your solution, or any part of it, is not duplicated by another student. If you choose to push your source code to a source control repository, such as GIT, ensure that you have made that repository private.

A suspected violation will be filed with the Academic Integrity Committee and may result in a grade of zero on this assignment or a failing grade in this course.

Technical Requirements

- All back-end functionality must be done using **Node.js** and **Express**.
- Your views must be created with **Express-Handlebars**.
- You are not allowed to use front-end CSS frameworks or JavaScript frameworks.

Objectives

Express web server set-up

Create an Express web server that listens to incoming HTTP requests.

Implement Route Handlers

Create route handlers that will direct users to specific views when they navigate to the following routes:

- The “home” page
- An “on the menu” page. This page will list the current week’s meals.
- A “customer registration” page.
- A “login” page.

The “Home” Page

You are required to build a well-designed home page that consists of the following sections:

- **Header:** The header must contain a logo for your website. Feel free to add links or other content.
- **Navigation Bar:** The navigation bar can be placed within the header or defined as an entirely new area. It must contain links that navigate visitors to the “on the menu” page, a sign-up page, and the login page.

Instead of creating a separate page for the sign-up process or the login page, you may optionally render these pages as modal pop-up boxes.



- **A Hero:** This section must have a prominent image or video element that is placed at the top of your page, below the header and navigation section. Here is an example:



- **Content Section(s):** These sections must use a combination of grids, words, headings, and images with the sole purpose of highlighting some selling features of the website, how it will work, and/or the services that it will provide. Here is an example:

HOW IT WORKS

[Watch the video](#)

We create original recipes.

Our in-house culinary team uses premium ingredients to create unique menus and products for breakfast, lunch, and dinner.

You choose your preferences.

Choose from a variety of healthy, delicious meals each week that accommodate your dietary preferences.

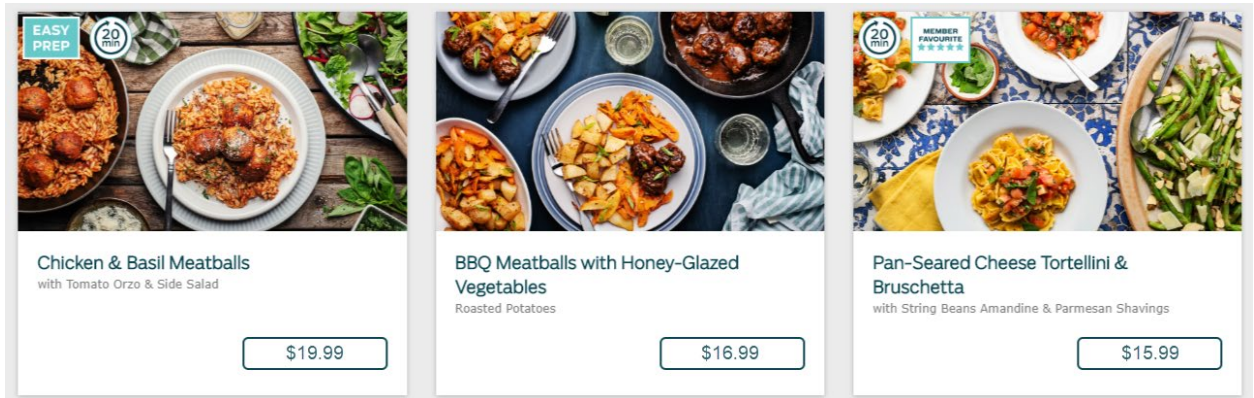
We deliver weekly — for free.

Your ingredients are packaged in our temperature-conditioned boxes, so food stays fresh - even when you aren't at home.

You eat incredible meals every day.

Our recipes are created to cater to all cooking levels and styles. From a one-minute weekday breakfast to a delicious two-course dinner made with your own hands, our recipes cater to all cooking levels and styles.

- **Top Meals:** This section must display at least three (3) of the top meals. In this assignment, the data for this section must be static. In other words, the data will not be pulled from a database, instead it will be pulled from a JavaScript file. Each meal package must display an image, title, what is included, and a price. Here is an example:



- **Footer:** This section must include footer menu items, social media links, and any other information you deem necessary.



Required: Your footer must contain a copyright statement that reads exactly as follows:

Copyright © Fall 2020, <FirstName> <LastName>, WEB322NAA

Be sure to include your first and last name. For example, your professor would show the following copyright statement:

Copyright © Fall 2020, Nick Romanidis, WEB322NAA

“On the Menu” Page

You are required to build a well-designed meal listing page. This page must show at least four (4) sample meals within a 2x2 grid, as shown in the image below:

Inspired by the freshest ingredients, our chefs create eighteen unique recipes each and every week.

Classic Meals



Sautéed Ground Pork over Jasmine Rice

with Toasted Peanuts & Quick-Pickled Cucumber Salad



Tomato Baked Cod

with Garlic Butter Toast & Tender Greens



Chana Dal with Cilantro Salsa

Spiced Green Pea Rice & String Beans



Berbere-Spiced Chicken

with Fluffy Zested Couscous & Roasted Vegetables

Every meal must have an image, title, what is included, and must be classified by some category. In the example above, they are classified as “Classic Meals”. This view must also have a header, navigation bar, hero section, and footer like the home page.

Like the “Top Meals” section on the home page, the data for this section will not be pulled from a database, however, you are required to define the data in a separate module (JavaScript file).

Data Structure

As already mentioned, you are not reading the data from a database. Instead, you must create one separate module file to encapsulate all the static (*“fake”*) data for both the “Top Meals” section on the home page and the meals shown on the “On the Menu” page. This module/JavaScript file is going to represent the Model for your MVC application.

Each meal will require at minimum the following properties:

- Image
- Title – *Sautéed Ground Pork over Jasmine Rice*
- What is included? – *Toasted Peanuts & Quick-Pickled Cucumber Salad*
- Description – *Gingery pork, crunchy cucumbers and toasty peanuts make for a classic culinary ...*
- Category – *Classic Meals*
- Price – *\$19.99*
- Cooking time – *25 minutes*
- Servings – *2*
- Calories Per Serving – *890*
- Is it a Top Meal? (Boolean) – *true*

Registration Page

You are required to build a well-designed user registration form as shown below. This can be implemented as an entirely new page or as a pop-up modal. In the event you implement this as a new page then you must ensure that the page maintains consistency (such as the header, navigation bar, hero section, footer).

Sign Up

Create your account by entering your email address and choosing a password

First Name

Last Name

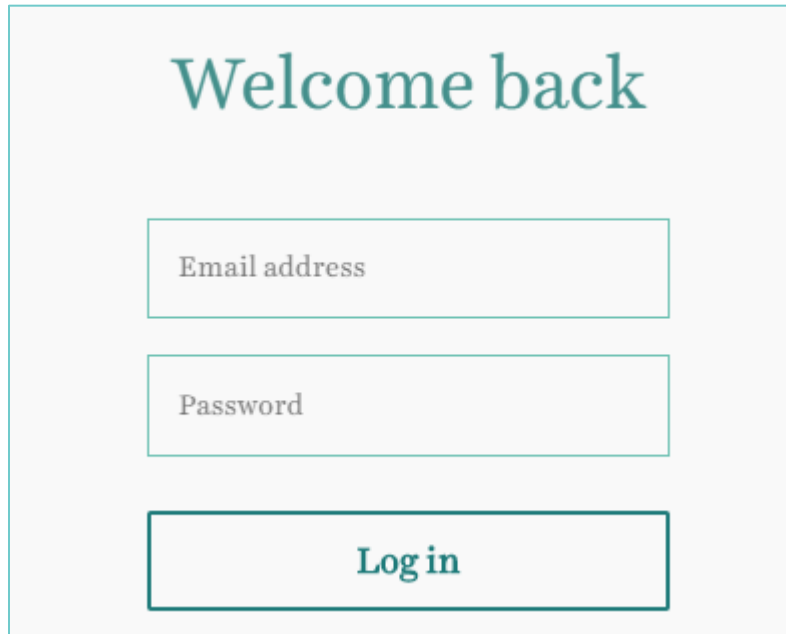
Email Address

Password

Sign up today

Login Page

You are required to build a well-designed user login form as shown below. This can be implemented as an entirely new page or as a pop-up modal. In the event you implement this as a new page then you must ensure that the page maintains consistency regarding its structure (such as the header, navigation bar, hero section, footer).



Welcome back

Email address

Password

Log in

Reminder

All back-end functionality **must** be done using **Node.js** and **Express**.

Your views **must** be created with **Express-Handlebars**. You **must** create **one** model (JavaScript file) to encapsulate the static data (“fake database data”) for the “On the Menu” Page and the “Top Meals” section located on the home page.

Rubric

Criteria	Not Implemented (0)	Partially Implemented (1)	Fully Implemented (2)
	Little or no work done. Unacceptable attempt.	Work is minimally acceptable but is incomplete or needs significant modification.	Work is complete and done perfectly.
Home View <ul style="list-style-type: none"> • Header • Navigation • Hero Section • Top Meals Section • Footer 			
On the Menu <ul style="list-style-type: none"> • Meals in a grid • Each meal lists the required data on the page as per the requirements. 			
Registration / Login <ul style="list-style-type: none"> • Registration form • Login form 			
Models <ul style="list-style-type: none"> • Static data for the “Top Meals” section. • Static data for the “On the Menu” section. 			

<ul style="list-style-type: none"> It is encapsulated into a separate module (JavaScript file) 			
<p>Overall look and feel</p> <ul style="list-style-type: none"> Overall site is polished. Used pleasing typography, color palettes, and imagery. Color and layout are cohesive throughout the site. Appropriate use of grids. 	Poor (1)	Average (3)	Exceeds (6)

Total: 30 Marks

Note: Half marks may be awarded.

Submitting your work

Make sure you submit your assignment before the due date and time. It will take a few minutes to package up your project so make sure you give yourself a bit of time to submit the assignment.

1. Locate the folder that holds your solution files.
2. Compress the copied folder into a zip file. **Do not use 7z or other compression algorithms or your assignment will not be marked.**
3. Login to My.Seneca.
4. Open the **Web Programming Tools and Frameworks** course area and click the **Project** link on the left-side navigator. Follow the link for this assignment.
5. Submit/upload your zip file. The page will accept three submissions so you may re-upload the project if you need to make changes. Make sure you make all your changes before the due date. Only the latest submission will be marked.