# Final Project: Bountiful Foods

Overview

The final project is designed to be a comprehensive assessment of the course learning outcomes. You will be given content and functional specifications as if you were contracted to plan, design, and build a prototype website for small business. In addition, developmental specifications will be given to ensure proper assessment of the application of course content, skills, and technologies. This individual, term project will be of your own design and work. You may not consult nor work with any other individual nor group on the project. The content is fictitious, but the site should be complete without any placeholders. Create a working site containing relevant content. The images and brief verbiage may be referenced from other sources which will need to be cited in a resource reference/attributions page, which link will be in the footer. These optional attributions page does not need to be styled.

This is a web course intended to help you learn how to construct websites using the core web technologies of contemporary HTML, CSS, and JavaScript. Third party templates are NOT allowed. Pages built from site builder software or drag-and-drop tools or that are based on existing sites are not allowed and will lead to a failing grade on the term project.

Description

Bountiful Foods is small business specializing in organic, locally grown foods. They are physically located in Carlsbad, California, however, they have many food trucks that cover the coastal area from Los Angeles to San Diego. The company sells fruits and produce directly from the farmers in the area, but also uses some national and international suppliers. The owner-operated company caters to walk in traffic at their storefront in Carlsbad and, of course, their food trucks. They deliver and manage those orders on the phone and via the website. The mission is to provide fresh and healthy food options, including organic, made to order, fruit drinks and fruit bags, to the local population and to tourists visiting the coastal areas. The theme should support healthy eating, organic bounty, and convenience.

Content Specifications

The following design and content-specific items are required in order to meet the minimum functional specifications of this project and these specifications will be used in the final assessment along with the same web frontend development standards used throughout the course and from the chamber project.

📄 The Home page is a contemporary, exciting landing page providing images of fruit and produce including specialty fruit drinks that are ready to serve and made fresh. The page must contain the following.

Readily available navigation and business contact information.

Summary information about any coastal area or areas in the southern California coast of your choosing.

A call to action to make your own fruit drink mix. This link can link to the 📄Fresh page.

Social media links (at least three) (no account necessary).

The weather card(s) must summarize the current weather conditions for Carlsbad.

Use the One Call API at openweathermap.org (Links to an external site.) (use version 2.5) and include

the temperature,

the condition description,

the humidity, and

a three (3) day temperature forecast.

Include an information card about the

📄 The Fresh page contains a form that allows the user to build a specialty drink.

The form requires the following items:

first name,

email,

phone,

three (3) select inputs that are populated with the available fruit to put into a drink. Available fruit options must only come from this JSON data source: [FRUIT Links to an external site](https://brotherblazzard.github.io/canvas-content/fruit.json). for full credit consideration.

and, include an area that allows them to add special instructions if needed.

Do NOT send the form to a new page upon form submission. Instead, use a JavaScript event handler to produce a formatted output area on this same page showing:

the input values of the order (7 inputs = first name, email, phone, three selected fruits, and special instructions),

the order date, and

the total amount of carbohydrates, protein, fat, sugar, and calories based upon the three fruit choices selected on the form. Again, use the JSON fruit data to extract and sum up that information.

📄 The About Us page provides historical information about the company and area plus contact information, and a Google Map and other relevant content.

If necessary, include a resource/attribution page that references outside content as a link in the footer.

This supplement page does not need to be styled.

Include the last modified date of the page in the footer using JavaScript.

Do not duplicate the chamber header, navigation, footer, and other general layout. You must come up with a different layout for full credit consideration on the final project.

Developmental Specifications

The following development specifications are required in addition to the customer specifications in order to receive full credit on the term project.

Meet the specifications listed in the 230 Development Standards checklist.

Use a lazy loading technique to support progressive design.

The design is consistent throughout the website providing ease of navigation and supports excellent UX (user experiences).

Your page layouts may not be an exact replication of your prior assignment pages or sites. Plan to demonstrate your mastery of CSS Layouts by doing something different.

Follow PARC principles and typography best-practices throughout the website.

Implement an appropriate font of your choice, using a Google Fonts Links to an external site. reference or equivalent resource.

Use the practice of wayfinding to improve the user experience of understanding where a user is on the website.

Ensure that there are no spelling or grammatical errors.

Publish the complete, working site to your GitHub Pages site.

Do NOT publish a link from your assignment home page portal. Submit the absolute URL to your project folder, whatever you named it.

Complete the project on time.

Remember to use tools like DevTools Links to an external site., Lighthouse Links to an external site., and/or CSS Stats Links to an external site. to help you troubleshoot and analyze your work.

Assessment

The goal of the assessment is not point accumulation, but rather the evaluation of the artifact submitted by the individual student in demonstrating mastery of the subject matter and the promise of continuing success in sequential courses in the field.

The final project is worth 100 points to correlate with the standard scale and definitions of letter-based grading, i.e., Grading System Links to an external site..

The instructor will carefully evaluate the overall project artifact submitted by the student to determine the level of mastery based upon the following criteria:

the course web frontend development standards,

the proper application of the development specifications, and

the level of compliance in meeting the content and application specifications given in the project description.

## W12 Activity: Term Website Planning Document Peer Review

No unread replies. No replies.

Develop a site plan for the final website project. The document describes the site purpose, target audience, site map, color scheme, typography and wireframe sketches for three screen sizes (small, medium, and large). You are only required to develop wireframe sketches for the home page only on this project.

Consult the project specifications in the description of the final project.

Review the Website Planning Document description and your own work on the weather site project.

Site Purpose: Provide a brief statement about the purpose of the website drawing upon the client's functional specifications, the industry, and any fictitious but viable goals that you deem to be reasonable.

Target Audience: Research who the website visitors will be by discovering the industry, visiting similar sites and asking your friends, family or acquaintances through an informal survey about the industry. You may elect to develop personas Links to an external site. for the distinct type of site visitors. This section should describe the target audience being judicious about the selection of the most plausible demographics.

Site Map: The site map is a sketch of all the website pages and references. It should illustrate the relationship between those pages.

Color Scheme: The color scheme refers to the carefully selected site colors that reflect the organization's purpose and trademark colors. Note the organization does not have established colors for brand identity. The planning document defines the color scheme through a color palette that labels color style definitions and swatches for site elements.

Typography: The project specifications require that you utilize the directory of open source designer web fonts provided by Google Fonts. The typography section of the planning document provides examples of the fonts to be used and where they are to be applied.

Wireframe Sketches: Produce wireframe sketches of at least the home page of the site design considering the purpose, specifications, and target audience. You should include sketches for small, medium, and large views respectively meaning smart phones, tablets, and large width monitors.

Instructions

► Save your completed planning document as a PDF file and post it as a new thread in the provided discussion board in this module for peer review.

► Return to the discussion board to review two peer submissions by the due date. The review should contain constructive feedback on the readability, completeness, and relevance of each section required in the planning document.

Do not discuss specifics on layout markup and CSS presentation to achieve sketch proposals.

► You are permitted to update your planning document based upon the feedback of your peers, but you must submit as an attachment in a reply in your own original thread on the discussion board before the instructor assessment (due date + one day).

► The document must be submitted on time.

► The document must be readable and well-formatted following design principles.

► The required sections must be present and the content must be complete and relevant.

► Provide at least two peer reviews in a timely manner that contain substantive, constructive feedback beyond "Good job" or "Well done."