

Build Your Portfolio: 1st Web Project

Overview

You have covered a lot of ground over the past five weeks. You should be proud! You are on your way to becoming a full-stack web developer. Let's recap what you've done so far.

You have:

- received an orientation with regards to the web development industry as whole
- gotten your hands dirty with some Python engaged with user-research and
- product planning processes and techniques recently been immersed in the
- fundamentals of HTML, CSS and JavaScript.

This first project is going to be one of five projects you will complete throughout the boot-camp. In addition to offering you hands-on experience, these projects will also serve as the first five items in your web development portfolio.

For this first project, you are going to be developing an information-based website for a freelance professional or a business--either real or fictitious. This could be anything from creating a portfolio site for your friend who is a photographer, to making a website for a made-up pizza restaurant.

While you have total control over the topic and depth of information contained in the site, you will be evaluated on your ability to meet both the **technical requirements** and **workflow requirements**.

There are screenshots of an example project included in this document. Your project does not have to look identical to this. It is to be used as inspiration!

Concepts covered:

- HTML/CSS
 - JavaScript
 - Bootstrap
 - Git/GitHub workflow
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Workflow requirements

The following requirements are related to how you go about building your project

Planning phase - the following should be completed prior to beginning the development phase and/or touching any code

The following can be done on paper or using any number of widely available applications. A free one that may be useful is draw.io. You may find referring back to Module 1 of **Designing a Technical Solution** helpful.

User stories

- 1) Write out at least three user stories that describe how a user will interact with your site

Wireframes

- 2) Go ahead and create wireframes of each page of your site--they should include important content and ui elements such as images, links, buttons etc.

Development phase

- 3) Create a GitHub repository on Github.com (*before you start coding*)
- 4) Clone it to your local machine (*before you start coding*)
- 5) Make frequent commits throughout your development that are descriptive, such as "adds nav bar to home page" (*throughout development/coding process*)

Technical requirements

*The following requirements are related to what your **code** should contain*

- 1) Your site should be comprised of at least three separate `.html` pages
- 2) Your site should have a `style.css` file in your `/css` folder that contains your custom css
- 3) All of your `.html` pages should link to and include the `style.css`, so that your stylesheet is shared site-wide
- 4) Your pages should all be linked together using `<a>` tags, by way of a navigation bar
- 5) Your site should include at least one image (`` tag)
- 6) Your site should contain a form that includes at least three fields, at least two of which should be **required**.

e.g. Here is an example of how you could meet this requirement for a contact form.

Name	Type	Validation
First Name	input type of text	required
Last Name	input type of text	none
Email	input type of email	required
Comment	textarea	required
Submit	input type of submit	none

- 7) When a user submits your contact form, use [Formspree.io](https://formspree.io) to ensure you receive the submissions (optional)
- 8) At least one page on your site should make use of a multi-column layout. For example, you may want to use Bootstrap's grid system to layout rows and columns of images on a "gallery" page of your site
- 9) An implementation of either Bootstrap's carousel component or tabs component
- 10) Your repository should be pushed to your GitHub account

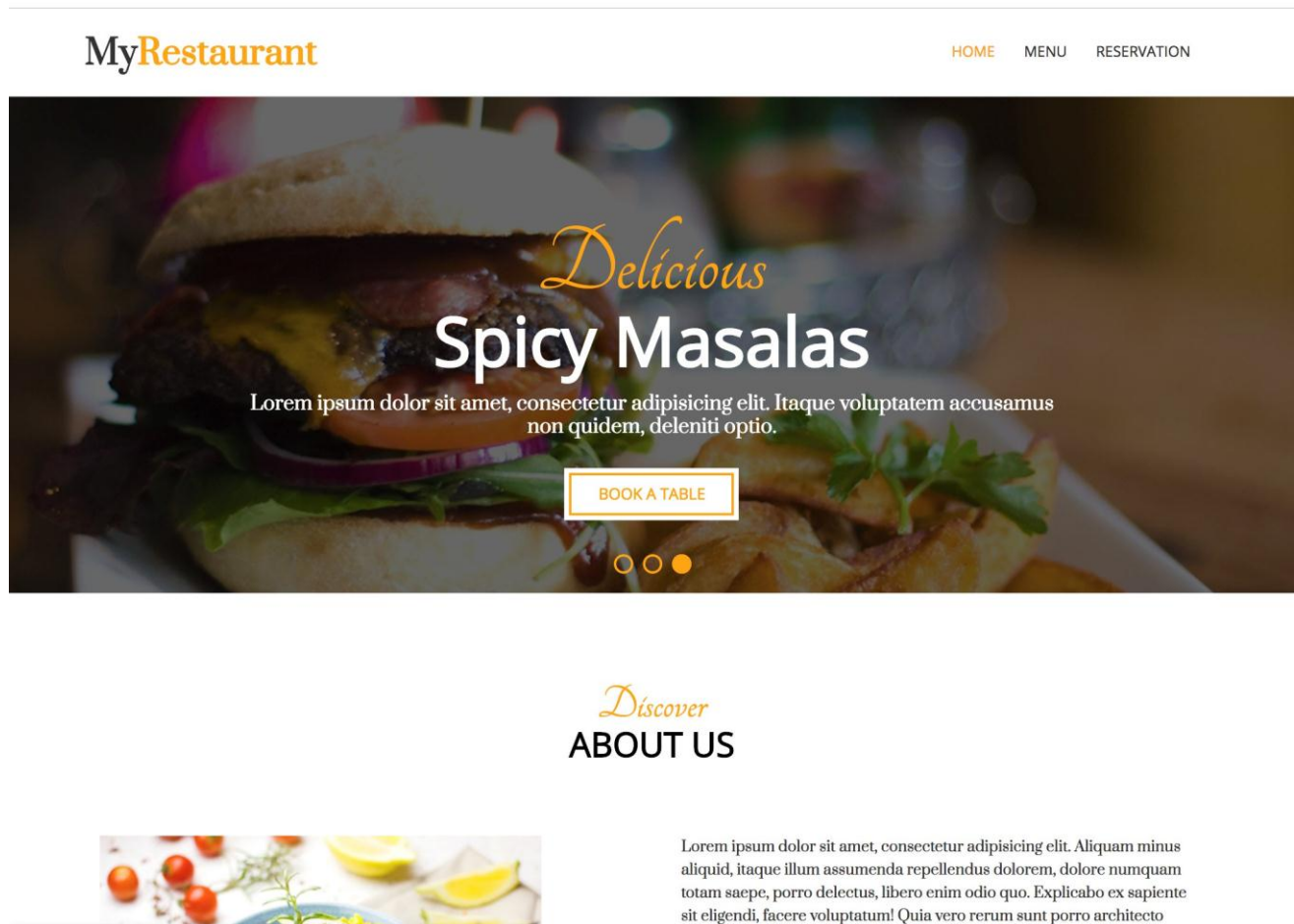
Deliverables

- 1) Your user stories
- 2) A collection of wireframes - one for each view of your app
- 3) Your app source code should be available for viewing in your GitHub repository
- 4) A `readme.md` file in the root project folder that contains the following information about your project:
 - Your name
 - Overview/description of the project
 - Details on how to use it or what functionality is offered
 - Technologies Used (`.html`, `.css`)
 - Ideas for future improvement (minimum of 3)
- 5) Your repository should contain at least 15 commits and should reflect a consistent commit history

Submission

Submit your GitHub link and hosting link in the communication channel the instructor provided. All deliverables should be included on GitHub and the site should be made publicly available using a hosting service.

Example



Discover
OUR MENU

Breakfast

Meals

Snacks

Desserts

Drinks



English Breakfast

\$15.85

Lorem ipsum dolor sit amet, consectetur adipisicing elit.
Facere nulla aliquid praesentium dolorem commodi illo.



English Breakfast

\$15.85

Lorem ipsum dolor sit amet, consectetur adipisicing elit.
Facere nulla aliquid praesentium dolorem commodi illo.



Chines Breakfast

\$11.95

Lorem ipsum dolor sit amet, consectetur adipisicing elit.
Facere nulla aliquid praesentium dolorem commodi illo.



Chines Breakfast

\$11.95

Lorem ipsum dolor sit amet, consectetur adipisicing elit.
Facere nulla aliquid praesentium dolorem commodi illo.



Indian Breakfast

\$15.85

Lorem ipsum dolor sit amet, consectetur adipisicing elit.
Facere nulla aliquid praesentium dolorem commodi illo.



Indian Breakfast

\$15.85

Lorem ipsum dolor sit amet, consectetur adipisicing elit.
Facere nulla aliquid praesentium dolorem commodi illo.

Make A Reservation

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ratione quidem autem iusto, perspiciatis, amet, quaerat blanditiis ducimus eius recusandae nisi aut totam alias consectetur et.

Full Name
Email
Phone Number
How Many? ▾
Date
Your Message

Make Reservation

Opening Hours

MONDAY & TUESDAY
9:00 AM - 4:00 PM

WEDNESDAY & THURSDAY
9:00 AM - MIDNIGHT

FRIDAY & SATURDAY
9:00 AM - MIDNIGHT

SUNDAY
9:00 AM - 11:00 PM

Note: demo material taken from <https://markups.io/demo/osteriax/index.html>