

---

CS008

Zach Bernstein, Olivia Hurd, and Maria Kissel

Assignment: Final Project- Bernstein & Co.

---

# Final Project: Bernstein & Co.

Version <1.0>

Title of project	Version <1.0>
Bernstein & Co.	May 5, 2017

## Table Of Contents

<b>Time Log .....</b>	<b>3</b>
<b>Introduction .....</b>	<b>4</b>
Purpose.....	4
Definitions, acronyms, and abbreviations.....	4
<b>Overall Description.....</b>	<b>4</b>
<b>Story Board.....</b>	<b>5</b>
<b>Specific requirements .....</b>	<b>6</b>

Title of project	Version <1.0>
Bernstein & Co.	May 5, 2017

Time Log			
Estimated time to complete assignment =>			40 Hours
Date	Time Spent (in hours)	Description	Author
3/29	.75	First Version of Software Requirements	Zach, Olivia, Maria
3/30	.75	Body content for homepage + images	Maria
4/03	2	Body content for About page + images	Olivia
4/05	.75	Group meeting about progress + new task assignments	Zach, Olivia, Maria
4/05	.75	Top.php completed	Zach
4/09	1.5	Menu & owner page content	Olivia
4/12	1	Menu & owner page content	Maria
4/13	1	Group meeting – upload progress + new task assignments	Zach, Olivia, Maria
4/21	1	Top, Nav, and Footer	Zach
4/24	1	Location info for each restaurant	Maria, Olivia
4/27	.75	Group meeting + upload finished html code + new task assignments	Zach, Olivia, Maria
4/28	2	PHP reservation code	Zach
4/28	2	CSS development	Maria
4/29	1	PHP reservation code	Zach
4/29	1.5	CSS development	Maria
4/30	2	CSS development	Maria
5/2	2	Group Meeting + HTML reservation code	Zach, Olivia, Maria
5/2	.75	CSS development	Maria
5/3	1.5	CSS development	Maria
5/3	1	Spec document updating	Olivia
5/4	4	Final group meeting + finishing touches + syncing files + finishing spec document	Zach, Olivia, Maria
	27	<=Total Time Spent	

Title of project	Version <1.0>
Bernstein & Co.	May 5, 2017

## Introduction

### Purpose

The purpose of this document is to describe the requirement specification for the web site “Bernstein & Co”.

The intended audience for this document is anyone who may be

*First it is the contract between you and the client. Second it is for the developer of the site. Two primary goals are:*

1. *Client gets a very good understanding of what you will be delivering.*
2. *Developer has a very good understanding of what they are going to create.*

### Definitions, acronyms, and abbreviations

*Sample for the client:*

ER Diagram – a diagram to represent the data you want to save with your system

W3 Validation – refers to both Html and CSS validation tool provided by the W3c.org. the html validator is located at:

<http://validator.w3.org/>

with the CSS validator located at:

<http://jigsaw.w3.org/css-validator/>

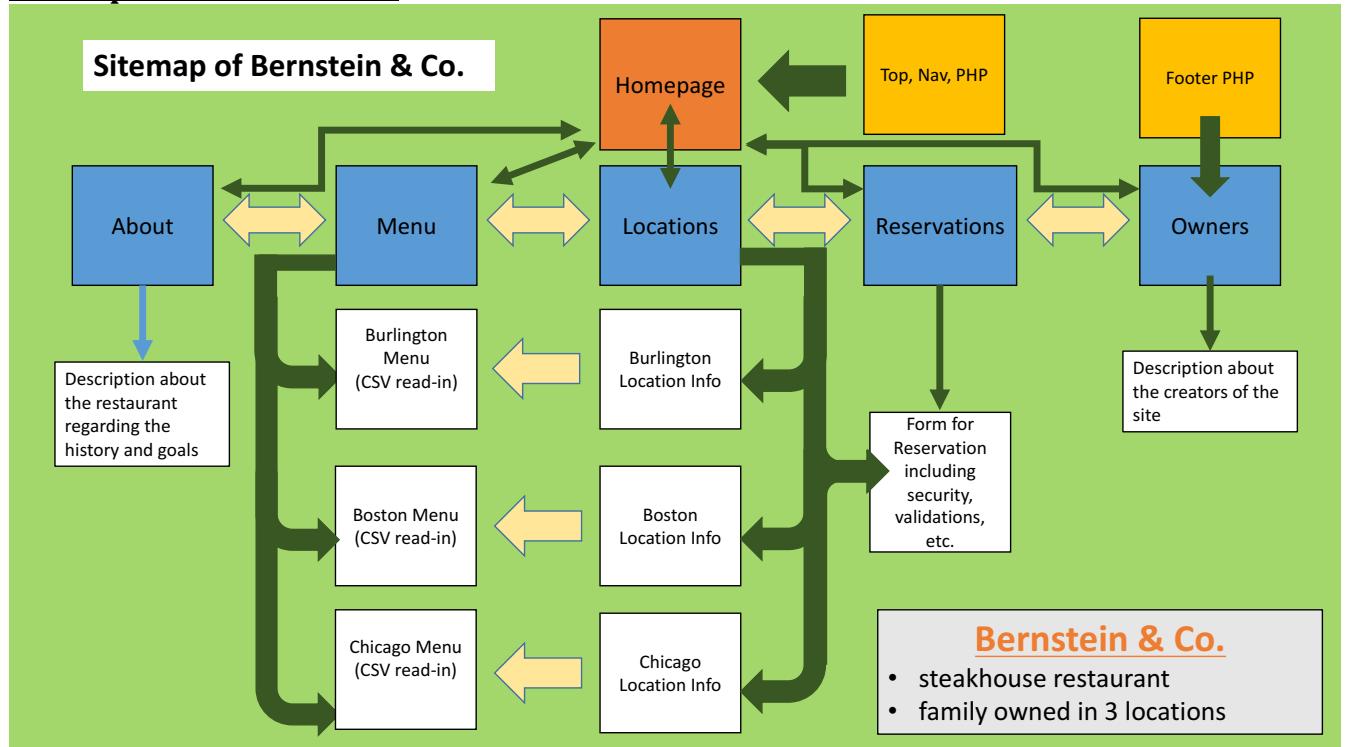
## Overall Description

Our website provides information about a steakhouse we created called Bernstein & Co. We created a back story for this family-run restaurant and developed it as a modern yet classic restaurant serving food made with the highest quality ingredients perfect for celebrating any occasion. Bernstein & Co. has three locations: Boston, MA, Chicago, IL, and Burlington, VT. Each location has a different menu, which can be accessed through our website. A map shows each of the locations, and users can easily find the restaurant’s address, phone number, and hours of operation. Visitors to our website can also make reservations quickly and easily by providing some simple information to help us prepare them for the best experience possible. We ask for the number of people in the party, the restaurant location, the preferred date and time of the reservation, and contact information, as well as additional information to let us know if the group will need any kids’ menus or high chairs.

Title of project	Version <1.0>
Bernstein & Co.	May 5, 2017

## Story Board

### Sitemap of Bernstein & Co.



### CSS/Storyboard



Title of project	Version <1.0>
Bernstein & Co.	May 5, 2017

## Specific requirements

1. *Title for main page:* Bernstein & Co.
2. *Meta Description:* Bernstein & Co. Steakhouse
3. *Meta Character set:* UTF - 8



# Bernstein & Co.

[Home](#)   [About](#)   [Menu](#)   [Locations](#)   [Reservations](#)

**Welcome!**

Bernstein & Co. is your number one destination for classic steakhouse food in a modern environment. Here at Bernstein & Co. we make it a priority to serve you the best meat on the market. We aim to provide a unique dining experience in our three amazing locations throughout the United States. All of our locations provide locally sourced food -- guaranteeing freshness and ensuring flavor.

Our menu is changed seasonally to reflect the produce in season. We partner with local farms to help enhance the access to their delicious food while helping the local community. The menu is crafted by our seasoned chefs who understand the ingredients and the best way to develop the flavors in the dishes. Our aim is to provide our guests with the best food out there and showing them just how good food can be.

Our Vermont location provides an urban oasis nestled within the mountains. With its clean lines and view of Lake Champlain, it is the perfect destination for a night out or a celebration. There is always something to celebrate, and with our 100 person party room it has never been easier. In Vermont, we partner with local farmers who provide the freshest in season ingredients. Our partners in Vermont include Butternut Mountain Farm, Shelburne Farms, Misty Knoll Farm, Bread & Butter Farm, Full Moon Farm, and the Shadow Cross Farm. Also, we provide a selection of alcohol from various breweries, vineyards and distilleries including Lost Nation Brewing, Zero Gravity Brewery, Stone Corral Brewery, Smugglers' Notch Distillery, Mad River Distillers, Lincoln Peak Vineyard, and Shelburne Vineyard.

Meanwhile, our city locations bring the outside in providing an escape from the busy life of the city. By bringing elements such as wood inside, you are transported into the mountains, even if the view outside is one of the concrete jungle. Our partners in Chicago and Boston include Parlee Farms, Verrill Farm, Didier Farms, and Heritage Prairie Farm all of which are dedicated into making your dining experience delicious and out of this world.

6. *HTML Validation* – All pages will pass W3C Html validation for html 5. NOTE: top, nav and footer pages will not validate as they are not expected to be viewed by themselves.
7. *CSS Validation* – All pages will pass W3C 3.0 CSS validation.
8. *CSS* – All pages will have a linked style sheet.
9. *Navigation* – All pages will contain navigation to all other pages on the site. File name should be nav.php
10. *Content* – The home page, about page, owners pages, and menu pages, will have a minimum of 500 words.
11. *Top* – All pages will contain top.php which includes a header for each page which has a logo for the website.

Title of project	Version <1.0>
Bernstein & Co.	May 5, 2017

12. *Footer* – All pages will contain a footer with the content determined by you.  
 Filename will be footer.php
13. *Form* – Visitors to the website will be able to fill out a form to make a reservation at Bernstein & Co.
14. *Form* – Will contain fieldsets, legends, input type text for email address and a reserve button.
15. *Form* – Will have generic text placeholders in textboxes.
16. *Form* – Process the form's submission:
- a. Perform security check making sure the page comes from itself.
  - b. Flag for each error and style the object with the error on it.
  - c. If form is incorrect redisplay form with descriptive error messages displayed before the form.
  - d. Sanitize all data.
  - e. Check for valid data for being entered
  - f. Check email for correct format.
  - g. Check that time contains letters, numbers, dash, period, space and single quote only.
  - h. Check that phone number of a valid USA phone number.
  - i. Save the functions in the lib folder (validation---functions.php)
  - j. On successful submission display message (don't display form again).
17. *Form* --- should email the person who filled it out.
18. *Content* – Reservation details are sent to the email address given.
19. *Form* – add the following inputs to your form (minimum, you can add more):
- a. 6 text boxes: Date & Time, Party Size, First Name, Last Name, Email, Phone Number
  - b. 1 list box: Location
  - c. Check boxes: Age Groups (3 options)
  - d. Radio buttons: Special Occasion (4 options)
  - e. Field sets and legends as needed.
20. *Form* – all data should be saved to a csv file.
21. *Form* – Should be styled with CSS.
22. *Footer* – All pages will contain a footer with the content determined by you.  
 Filename will be footer.php
23. *Images* – Home, about, menu, and location pages will have a minimum of one image. Each image will be in the figure element with the figcaption element if needed. The form page does not need to meet this requirement.
24. *File Names* – The form page should be called form.php. All other files should have names indicative of their content if a specific one has not already been mentioned.
25. *Specification Document(this file)*: must be updated and saved as a specs.pdf.