

Bootstrap is a framework with many pre-designed components, utilities, and styles that can be utilized when creating a web development. Especially those that have interactive or responsive designs. Bootstrap provides a responsive and mobile-friendly foundation for our site, which is a flower bouquet online store.

Moreover, some core concepts of Bootstrap are that they have a responsive grid system along with their CSS flex box and grid layout, have reusable components, customizations, containers, typography, color and background, navigation, buttons (our favorite) along with so much more that makes using Bootstrap for web development easier than doing it all from scratch.

Delving into creating our website, initially, we had to download a code editor, and we decided to use Visual Studio Code, in which we had to create a new folder and file dedicated to this project. Accordingly, we used Internet Explorer as our web server to preview our website whenever we arranged our code. Lastly, to build our site, we needed to download the latest version of CSS and JS files after downloading Bootstrap. Now, let us delve into the structure of our website.

Our first step was to create the primary HTML structure in our index HTML file (goes from (“<!DOCTYPE html>...</html>”). Later realizing we had to use Bootstrap utilities, it was a little difficult to maneuver around Bootstrap, but after utilizing the examples that were under the components, we began to understand the platform better. For instance, we agreed on a navigation bar, cards, and models, so we went to those sections of the Bootstrap files and picked our preferred code for each of them. From there, we used that code in our editor but altered it to accommodate for our information and desired style for the website.

Then, we started to create our project structure, which included implementing many styles such as font size, family, text alignment, and many others. Coinciding with Bootstrap, we used a variety of templates, but what helped us divide the site into pages and sections was the navbar, dropdown, and button components. After, we made content sections using Bootstrap’s grid system and components to structure them. Our project consists of seven distinct pages, which are the Home, Weddings/Anniversaries, Condolences, Birthdays, Seasonal, All Products, and Contact Us. Also, within these sections, we added images and styling by placing images of flower arrangements in the images folder and referencing them in HTML. To edit the images, we customized the styling of your website by editing your style.css file and adding your custom styles. Ultimately, the portion of the project we are most proud of is the image response in the “Contact Us” section of our website because we made the image a clickable link.

Overall, once we learned how to maneuver around HTML and Bootstrap, creating the website was not that difficult. However, the biggest struggle we had was creating background images or centering them to make the pages look more appealing. As a result, we used external resources to research how to place images (e.g., tutors and Youtube), but for the most part, when searching a component or feature you want. Other than that, the website came together very well, being that there were only two people working on it. Therefore, after thoroughly testing the

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website in different Browsers to ensure compatibility and responsiveness, we have a first draft to our online store “Petals to Bouquets.”