

Individual Project 1

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Description

The project is a website for an imaginary coffee shop called Coffee Bean. The layout consists of a navigation bar on top of the page, a banner with a subscription form, followed by coffee shop's menu, online store preview and a footer.

1.1 HTML5/ CSS3

In my project I am using the HTML5 specific sectioning elements such as `<nav>`, `<header>`, `<footer>` and `<section>` to structure the code and to define the purpose of the content in them for search engines, screen readers, and other technologies. Using these elements can help to not only improve content discovery and accessibility by the end user but also help understand the code structure better for other developers who happen to work with this code in the future.

The website is constructed using Flexboxes to easily and effectively position elements and containers.

1.2 Responsive Design

The website has a fluid and flexible layout that adjusts according to screen size for better website navigation. On tablets, starting with the screen width of 768px, the top page navigation “shrinks” to better fit the screen, and the cards width in the store section gets larger for better visibility on smaller screens. More adjustments are added when the website is viewed on even smaller screens starting with a width of 500px and less. The main page navigation is hidden and available under a so called “burger” menu button. The menu and the store sections' content change its display from raw to column view for better visibility on smaller screens.

1.3 SEO

To optimize the website for search engines in the `<head>` section of the HTML code the `<title>` tag is used with the name of the coffee shop which will help search engines to determine the subject of the page. Meta description that follows has a short line describing the coffee shop helping the user get information about the website even before visiting it.

1.4 Accessibility

To raise accessibility in the project I make sure to use the right tags for elements such as `<button>` for buttons and not `<div>`. The images have “alt” attributes so a screen reader can describe what the image stands for or if the image doesn’t load the “alt” text will be displayed instead.