

**Course name:** Full Stack Web Development

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**The topic of my webpage is cold brew coffee**

**Coffee Webpage Documentation**

**1. Introduction**

This document provides an overview and explanation of the **Coffee Webpage**, which presents a visually appealing landing page for a fictional coffee shop or brand. The webpage is designed using **HTML** for structure and **CSS** for styling, incorporating external resources like fonts and icons.

**2. File Structure**

The project consists of the following files:

* **index.html**: The main HTML file that defines the structure of the webpage.
* **style.css**: The external stylesheet used to style the webpage.
* **logo.png**: The logo image file for the coffee brand.
* **hero.png**: The main hero image showcasing the coffee product.
* **bg.png**: The background image used in the hero section

├── index.html

├── style.css

├── images/

│ ├── logo.png

│ ├── hero.png

│ └── bg.png

**3. External Resources**

The webpage uses several external resources to enhance functionality and aesthetics:

* **Boxicons**: For icons used in navigation and interactive elements.
* **Remix Icons**: Another icon set for scroll indicators.
* **Google Fonts**: The font **Roboto** is used throughout the webpage for text.

<!-- Boxicons -->

<link rel="stylesheet" href="https://unpkg.com/boxicons@latest/css/boxicons.min.css">

<!-- Remix Icon -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/remixicon@4.3.0/fonts/remixicon.css">

<!-- Google Fonts -->

<link href="https://fonts.googleapis.com/css2?family=Roboto:wght@100;300;400;500;700;900&display=swap" rel="stylesheet">

## 4. HTML Structure

The **index.html** file is structured into several key sections:

### **Header Section**

The header contains the website's navigation and logo. It is a fixed-position element, ensuring it remains visible as the user scrolls down the page.

<header>

<a href="#" class="logo">

<img src="images/logo.png" alt="Coffee Logo">

</a>

<ul class="navlist">

<li><a href="#" class="nav-link">About</a></li>

<li><a href="#" class="nav-link">Membership</a></li>

<li><a href="#" class="nav-link">Events</a></li>

<li><a href="#" class="nav-link">Contact</a></li>

</ul>

<div class="right-content">

<a href="#" class="nav-btn">Sign In</a>

<div class="bx bx-menu" id="menu-icon"></div>

</div>

</header>

### **Hero Section**

The hero section presents the main product, with an animated heading and description, and calls to action such as "Order now" and the price of the product.

<section class="hero">

<div class="hero-text">

<h5>#coffee for hot days</h5>

<h1>Cold Brew</h1>

<p>As coffee enthusiasts, we believe that every cup tells a story. Join us on a journey of discovery...</p>

<div class="main-hero">

<a href="#" class="btn">Order now</a>

<a href="#" class="price">1200.00 | <span>Regular Price</span></a>

</div>

</div>

<div class="hero-img">

<img src="images/hero.png" alt="Cold Brew Coffee">

</div>

</section>

### **Scroll Prompt**

An animated scroll icon encourages users to explore the rest of the page.

<div class="scroll">

<a href="#"><i class="ri-scroll-to-bottom-line"></i> Scroll Down</a>

</div>

## 5. CSS Styling

### **Variables**

CSS variables are used for colors and font sizes to maintain consistency throughout the webpage

:root {

--bg-color: #0c0c0c;

--text-color: #fff;

--main-color: #ae8957;

--big-font: 6.6rem;

--p-font: 1rem;

}

### **General Styles**

Global styles are defined for padding, margin, and font:

\* {

padding: 0;

margin: 0;

box-sizing: border-box;

list-style: none;

text-decoration: none;

font-family: "Roboto", sans-serif;

}

### **Header Styles**

The header is styled to remain fixed at the top of the page and becomes responsive on smaller screens:

header {

position: fixed;

width: 100%;

top: 0;

right: 0;

z-index: 1000;

padding: 35px 7%;

display: flex;

align-items: center;

justify-content: space-between;

transition: all 0.5s ease;

}

### **. Hero Section Styles**

The hero section has a grid layout, separating the text and image into two columns:

.hero {

width: 100%;

height: 100vh;

background: url(images/bg.png) no-repeat center center/cover;

display: grid;

grid-template-columns: repeat(2, 1fr);

align-items: center;

gap: 2rem;

}

### **Button Styles**

The "Order now" button includes hover effects and smooth transitions

.btn {

padding: 13px 32px;

background: var(--main-color);

color: var(--text-color);

font-size: 15px;

font-weight: 500;

border-radius: 7px;

transition: all 0.4s ease;

}

.btn:hover {

transform: scale(1.1);

background-color: var(--text-color);

color: var(--main-color);

border: 2px solid var(--main-color);

}

### **Animation**

Custom animations are used for the text and image in the hero section, providing a smooth entrance as the page loads:

.hero-text {

opacity: 0;

transform: translateY(20px);

animation: fadeInUp 1.5s ease-in-out forwards;

}

.hero-img {

opacity: 0;

transform: translateX(30px);

animation: fadeInRight 1.5s ease-in-out forwards;

}

@keyframes fadeInUp {

from {

opacity: 0;

transform: translateY(20px);

}

to {

opacity: 1;

transform: translateY(0);

}

}

@keyframes fadeInRight {

from {

opacity: 0;

transform: translateX(30px);

}

to {

opacity: 1;

transform: translateX(0);

}

}

## 6. Responsiveness

The webpage is designed to be responsive, adjusting font sizes and layout at different screen widths using media queries:

@media (max-width: 1770px) {

header {

padding: 22px 4%;

}

}

@media (max-width: 1670px) {

:root {

--big-font: 5.5rem;

--p-font: 15px;

}

}

## 7. Conclusion

This webpage showcases a simple yet elegant landing page for a coffee shop. The animations and hover effects are designed to enhance user experience, while the use of CSS variables makes the styling flexible and easy to maintain.

Top of Form

Bottom of Form