**Wave Café Documentation**

**-By Shreya Manandhar**

Introduction:

The Wave Cafe website is designed as a digital platform for a fictional cafe called Wave Cafe. It aims to provide information about the cafe's menu, services, and contact details.

**HTML Structure:**

The HTML structure follows the standard conventions with <!DOCTYPE html> declaration and the <html>, <head>, and <body> tags.

The website utilizes external resources such as Font Awesome for icons and Google Fonts for typography.

Document Type Declaration (<!DOCTYPE html>): Defines the document type and version of HTML.

HTML Element (<html>): Root element of the HTML document.

Lang Attribute (lang="en"): Specifies the language of the document.

Head Section (<head>): Contains meta-information about the HTML document, such as title, character encoding, and links to external resources like stylesheets and fonts.

Meta Tags: Define character encoding and viewport settings.

Title Tag (<title>): Sets the title of the webpage displayed in the browser's title bar or tab.

Link Tags (<link>): Import external CSS stylesheets and fonts.

Body Section (<body>): Contains the visible content of the webpage.

Container (<div class="tm-container">): Wraps all the content of the webpage.

Header Section (<div class="tm-site-header">): Contains the logo and site name.

Navigation (<nav class="tm-site-nav">): Provides links to different sections of the website.

Main Content (<main class="tm-main">): Holds the main content of the webpage.

Pages (<div id="drink" class="tm-page-content">, <div id="about" class="tm-page-content">, etc.): Different sections of the website.

Tabs: Allows users to navigate between different categories (e.g., drink menu, about us, special items, contact).

Content: Displays information about each category (e.g., drink menu items, cafe's story, special items, contact form).

Footer (<footer class="tm-site-footer">): Contains copyright information and credits.

**Navigation:**

The navigation menu is placed in the header section (<nav class="tm-site-nav">) and includes links to different sections of the website such as Drink Menu, About Us, Special Items, and Contact.

Each navigation item is represented by an <li> element with an <a> tag containing an icon and text.

**Main Content:**

The main content area (<main class="tm-main">) dynamically displays different sections based on user interaction or navigation.

Sections include Drink Menu, About Us, Special Items, and Contact, each enclosed within a <div> with a unique ID.

**Drink Menu:**

The Drink Menu section is organized into tabs for different types of beverages: Iced Coffee, Hot Coffee, and Fruit Juice.

Each tab contains a list of items with images, names, prices, and descriptions.

**About Us:**

The About Us section provides information about Wave Cafe, its philosophy, and its history.

It includes text content and images, split into two boxes (tm-about-box-1 and tm-about-box-2).

**Special Items:**

The Special Items section showcases featured menu items with images and descriptions.

Each item is displayed within a container (tm-special-item) with a title and description.

**Contact:**

The Contact section allows users to submit inquiries or feedback via a contact form.

It includes input fields for name, email, message, and a submit button.

**Footer:**

The footer section (<footer class="tm-site-footer">) displays copyright information and credits for the website design.

**Background Video:**

The website features a background video (<video>) that plays automatically and loops in the background.

Users can control the video playback using the play/pause button (#tm-video-control-button).

**JavaScript:**

The website utilizes JavaScript for interactive features such as tab navigation, highlighting active menu items, and resizing the background video based on window size.

Event listeners are used to handle user interactions and trigger appropriate actions.

Functions such as openTab(), initPage(), highlightMenu(), showPage(), and setVideoSize() are defined to manage page behavior.

**Responsive Design:**

The website is designed to be responsive, adapting to different screen sizes and devices.

CSS media queries and JavaScript functions ensure proper layout and functionality across various devices.

**Credits:**

The website design credits are mentioned in the footer, acknowledging the design source.

This documentation provides an overview of the structure, features, and functionality of the Wave Cafe website, helping users understand its layout and usage.