Darsamo Bites Documentation

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**Feature Documentation**

**1. Current Features**

**1.1 Menu System**

* **Categorized Display**: The menu is divided into distinct categories, including Drinks (Coffee, Cold Drinks, Teas) and Snacks.
* **Dynamic Filtering**: Users can seamlessly switch between categories with smooth animations.
* **Item Details**: Each menu item is displayed with its name, price, and an "Add to Cart" button.

**1.2 Cart Functionality**

* **Add/Remove Items**: Users can modify quantities of selected items using increment (+) and decrement (-) buttons.
* **Real-time Total Calculation**: The order total is dynamically updated as items are added or removed.
* **Visual Feedback**: The cart counter reflects changes instantly, ensuring a smooth user experience.

**1.3 User Experience Enhancements**

* **Dark Mode**: A toggle feature allows users to switch themes, with preferences saved using localStorage.
* **Mobile Responsiveness**: The application is fully functional on both mobile and tablet devices.
* **Animations**: Transitions between sections are animated for a visually appealing interaction.

**2. Technical Implementation**

**2.1 Frontend Development**

The entire system is built using pure **HTML, CSS, and JavaScript**, without reliance on external frameworks.

**2.2 State Management**

* **menuData Object**: Stores details of all available menu items.
* **cart Array**: Maintains the current list of selected orders.
* **LocalStorage**: Preserves user preferences for dark mode.

**3. Code Structure**

**3.1 Key Files**

1. **index.html** – Defines the main layout and structure.
2. **style.css** – Manages styling using CSS variables for consistent theming.
3. **script.js** – Handles all interactive logic and state updates.

**3.2 Core Functions**

|  |  |
| --- | --- |
| Function Name | Purpose |
| initializeMenu() | Loads and displays menu items dynamically. |
| updateCartDisplay() | Refreshes the cart UI based on changes. |
| addToCart() | Adds selected items to the shopping cart. |

This document serves as a comprehensive guide to the current features and technical aspects of DARSAMO BITES.