**E-Commerce Website Documentation**

**Project Overview**

The E-commerce website is a simple web application designed for online shopping. It allows users to browse a list of products, add them to their shopping cart, and proceed to checkout.

**Features**

1. **Navigation Bar**

* The website features a fixed navigation bar at the top with a logo and a shopping cart icon.
* Users can click on the shopping cart icon to view and manage their shopping cart.

2. **Shopping Cart**

* Clicking on the shopping cart icon opens a cart overlay from the right side.
* Users can view the items in their cart, including the product image, title, price, and quantity.
* Users can remove items from the cart by clicking the trash icon.
* The total price of items in the cart is dynamically calculated and displayed.

3. **Product Listing**

* The main section of the website displays a list of products available for purchase.
* Each product box includes an image, title, price, and an "Add to Cart" icon.
* Users can click the "Add to Cart" icon to add a product to their shopping cart.

4. **Responsive Design**

* The website is designed to be responsive and adapts to different screen sizes.
* The navigation bar and product listing adjust their layout for better usability on smaller screens.

5. **Interaction with JavaScript**

* JavaScript is used to handle user interactions and dynamically update the shopping cart.
* Users can increase or decrease the quantity of items in the cart.
* The "Buy Now" button triggers an alert indicating a successful order placement.

**How to Use**

1. **Adding Items to Cart**
   * Click on the shopping bag icon next to each product to add it to your cart.
2. **Viewing Cart**
   * Click on the shopping cart icon in the navigation bar to view your cart.
3. **Managing Cart**
   * In the cart overlay, you can increase/decrease item quantities or remove items.
   * The total price is updated dynamically as you make changes.
4. **Checkout**
   * Click the "Buy Now" button to simulate placing an order (an alert will notify you).

**Technologies Used**

* HTML for structuring the content.
* CSS for styling and responsive design.
* JavaScript for handling user interactions and cart functionality.

**Files and Structure**

* **HTML File:** **index.html**
* **CSS File:** **css/style.css**
* **JavaScript File:** **js/main.js**