

## Internet application Project

**Project Name:** I'm better alone

**Project Team:**

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**Project Description:**

The AWU Shopping project is an online shopping web page, designed to provide a seamless and engaging user experience. The page has a range of products, as well as a budget suggestions feature that helps users find the right products for their budget.

## **Project Components:**

### **Project Description - AWU Shopping**

#### **Introduction**

The AWU Shopping project is an online shopping webpage designed to provide a seamless and engaging user experience. The page allows users to browse a variety of products, input a budget, and receive suggestions for products that fit within their budget. The design focuses on user-friendliness and visual appeal.

#### **Page Structure**

##### **1. Header:**

- Contains the store logo, which includes a shopping bag icon and the name "AWU" with the tagline "Shopping".
- Navigation links include:
  - Cart: Displays the total amount and the number of products in the cart.
  - Sign In: A link to the sign-in page.
  - Register: A link to the registration page.

##### **2. Top Content Section:**

- Highlights the lifestyle collection with promotional texts such as "SALE UP TO 30% OFF" and "Get Free Shipping on orders over \$99.00".
- A "Shop Now" button that directs users to the shopping page.

##### **3. Sidebar:**

- Title: "Budget Suggestions".
- Budget input field (`<input type="number" id="budgetInput" placeholder="Enter your budget" min="0" />`) allows users to enter their budget.
- "Get Suggestions" button (`<button id="suggestButton">Get Suggestions</button>`) that, when clicked, displays suitable products.
- Suggestions section (`<div class="suggestions" id="suggestions"></div>`) to show the recommended products based on the entered budget.

##### **4. Products Section:**

- Contains product cards (`<article class="card">`) that include:

- Product image ().
- Product title (<h1 class="title">Product Title</h1>).
- Short description (<p class="description">Lorem ipsum dolor sit amet consectetur elit...</p>).
- Product price (<div class="price">\$150</div>).
- "Add To Cart" button (<button class="add-to-cart flex">Add To Cart</button>).

#### 5. Footer:

- Contains copyright text with the developer's name "Ahmed Sobhi Mokhtar".

#### Functionality (JavaScript)

- JavaScript is used to provide the budget suggestion feature:
  - An array products is defined, containing product information (title and price).
  - When the "Get Suggestions" button is clicked, the following function is executed:
    1. Reads the budget entered in the input field.
    2. Validates the budget (it must be a positive number).
    3. Filters the product list based on the entered budget.
    4. Displays the available products in the suggestions section.