

# Frontend Development Task for Interns

## Objective:

Design and implement the **desktop version only** of the provided eCommerce web pages from the Figma file: [Ecommerce Web Design](#). The task focuses on applying core frontend development skills such as HTML, CSS, and JavaScript, along with responsive design techniques (for desktop).

## Tasks Overview:

Each week is structured to gradually guide interns through implementing the design in smaller, manageable parts.

## Week 1: Understanding the Design and Building the Layout

1. **Goal:** Familiarize with the Figma design and implement the basic structure of the website using HTML and CSS.
2. **Tasks:**
  - Analyze the Figma file and extract the desktop layouts for all pages.
  - Set up the project structure with folders for HTML, CSS, and images/assets.
  - Implement the following sections:
    - **Header:** Navigation bar with logo, search bar, and menu options.
    - **Footer:** Include all links and styling as per design.
  - Focus on accurate **spacing**, **typography**, and **alignment** as shown in the Figma design.
3. **Deliverables:**
  - Fully functional and visually accurate header and footer sections.
  - Push code to a GitHub repository.

## Week 2: Home Page and Product Listing Page

1. **Goal:** Build the home page and product listing page using the desktop layout from Figma.
2. **Tasks:**
  - **Home Page:**
    - Hero section with banner and call-to-action buttons.

- Featured product categories or promotional sections.
- **Product Listing Page:**
  - Grid-based product cards (image, name, price, and a "Buy Now" button).
  - Pagination or load more button at the bottom.
- Use **CSS Grid/Flexbox** for layout and ensure pixel-perfect implementation.
- Add hover effects for interactive elements like buttons or product cards .
- 3. Deliverables:**
  - Complete home page and product listing page layout with all sections styled.
  - Code committed to GitHub repository.

## Week 3: Product Details Page and Interactivity

1. **Goal:** Create the product details page and add basic interactivity using JavaScript.
2. **Tasks:**
  - **Product Details Page:**
    - Display the product image, description, price, and "Add to Cart" button.
    - Include a section for customer reviews or related products.
  - **Basic Interactivity:**
    - Add a dropdown menu for selecting product sizes (if applicable).
    - Implement a JavaScript-based search bar in the header (non-functional, styled only).
  - **Testing:** Ensure consistency across all pages and compatibility with major desktop browsers.
3. **Deliverables:**
  - Fully implemented product details page.
  - Basic interactive elements styled and functional.
  - Final code uploaded to the GitHub repository.

## Tools and Technologies:

- **HTML5:** For semantic structure.
- **CSS3:** For styling, animations, and layouts.
  - Use **Flexbox** or **CSS Grid** for layout design.
  - Maintain a consistent design system with reusable classes (e.g., buttons, grids).
- **JavaScript:** For basic interactivity (e.g., dropdown, hover effects).
- OR YOU CAN USE TECHNOLOGY STACK OF YOUR

- **Figma:** For extracting design specifications.
- **GitHub:** For version control and code submission.

### **Submission Instructions:**

1. Create a GitHub repository named `ecommerce-frontend-design`.
2. Push your code weekly based on deliverables.
3. Share the repository link with your supervisor for review.

### **Evaluation Criteria:**

1. **Design Accuracy:** How closely the desktop version matches the Figma design.
2. **Code Quality:**
  - Proper use of semantic HTML.
  - Clean and organized CSS with comments where necessary.
3. **Responsiveness:** Ensure the layout scales properly on different desktop screen sizes.
4. **Timely Submission:** Complete weekly tasks on time and push to GitHub.

Good luck, and focus on attention to detail to create pixel-perfect

designs! **Deadline: 26th June 2025**

**(You will have to submit all of these 3 tasks collectively on 26th June)**