

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 you 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).
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- **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:14th August 2025

(You will have to submit all of these 3 tasks collectively on 14th August)