



The University of Lahore

Assignment # 1

Deadline: 27th March, 2025

E-Commerce Website Development

Overview:

In this assignment, you will be designing and developing a fully functional E-commerce website for an online store of your choice. The website should consist of key pages, including Home, About Us, Contact Us, Products, Product Details, Sign Up, Login, and Cart. This project aims to give you hands-on experience in web development, covering both front-end and back-end aspects. (Hint: you will create front end only in this assignment).

Website Description:

1. Home Page

- Eye-catching layout with **featured products, promotions, or special offers**.
- A **navigation menu** for easy access to all pages.
- Use **visually appealing images** and ensure a **clean, user-friendly interface**.

2. About Us

- Introduce your online store.
- Include details like **company background, mission, vision, values**, and team information.
- Use a mix of **text and visuals** to keep it engaging.

3. Contact Us

- Create a **contact form** for users to send inquiries or feedback.
- Display contact information: **Email, Phone Number, and Physical Address** (if any).
- (Optional) **Integrate a location map**.

4. Products Page

- Display a **catalog of available products**.
- Organize products into **categories** (e.g., Electronics, Fashion, Sports, etc.).
- Add a **search bar** to help users find products easily.
- Each product must have:
 - Image
 - Name
 - Price
 - "View Details" button

5. Product Details Page

- Clicking "View Details" should open a new page with:
 - Product image(s)
 - Detailed description
 - Price
 - **Add to Cart** option

6. Sign Up Page

- Registration form to collect:
 - Name
 - Email
 - Password
- Add **form validation** for better user experience.

7. Login Page

- Secure login system.
- Add **authentication checks**.
- Show error messages for invalid login attempts.

8. Cart Page

- Users can **add or remove products** from the cart.
- Show selected items, quantities, and total price.
- Add a **checkout option** leading to order confirmation.

9. My Orders

- Show **order history** of previously purchased products.
- This can be a **separate page/tab** or a part of the **user profile**.

Additional Suggestions:

You are encouraged to enhance your design by adding:

- **Product Ratings/Reviews Section**
- **Wish List or Favorite Items Feature**

(These are optional, but show creativity and add value to your project.)

Additional Considerations:

- **Responsiveness:**

Ensure that the website is responsive, providing an optimal viewing experience across various devices.

This assignment encourages creativity in design, attention to detail in implementation, and a focus on user experience. You have the freedom to choose the type of online store you want to create, whether it's a fashion boutique, Fragrances, Flowers, Mobiles, Sports Accessories, Glasses, Furniture, Stationary, electronics store, or any other niche that interests you. Good luck, and have fun developing your E-commerce website!

Note:

If you still have any Problem Then ask me in Class or visit my office 222. (But After carefully Reading the Assignment.

Submission Guidelines:

- Try NOT to copy paste data from your friends etc. This is an individual assignment.
PLAGIARISM IS NOT ACCEPTABLE! In case of plagiarism you will get **ZERO MARKS** for that problem
- Complete the assignment nicely and upload on slate.
- Upload files in format like “sapid1.html, sapid2.html”, other file naming convention will not be accepted also upload the css files.