

Internship Task: E-commerce Website Home Page

Task Name: E-commerce Website Home Page

Duration: 2 Days

Task Description:

The task is to design and develop the home page of an e-commerce website, focusing on UI/UX, product showcase, and responsive design. The page should encourage user engagement and support seamless navigation.

Objectives:

- Develop a home page for an e-commerce website with product showcase.
- Implement a clean and user-friendly design.
- Integrate interactive elements like hover effects, sliders, or modals.
- Make the home page responsive for different devices.
- Use GitHub for version control and collaboration.

Guidelines:

- **Pages to Develop:**
 - **Product Showcase:** Display featured products with images, prices, and descriptions.
 - **Search Bar:** Allow users to search for products.
 - **Navigation Bar:** Include categories, search, and cart icons.
 - **Footer:** Contain contact information, social media links, and other relevant details.

Technology Stack:

- HTML5
- CSS3 (using frameworks like Bootstrap or Tailwind CSS for responsiveness)
- JavaScript (for interactivity)
- Optional: Use React.js for dynamic content display

Responsive Design:

- Ensure the website works on mobile, tablet, and desktop screens.

Version Control:

- Set up a GitHub repository.
- Commit code regularly with clear messages.
- Push the final version of the home page to GitHub.

Presentation:

- Deploy the website using GitHub Pages, Netlify, or Vercel.
- Prepare a demo presenting:
 - The e-commerce features on the home page.
 - Technologies used.
 - Challenges and how you resolved them.

Deliverables:

- A fully functional e-commerce home page.
- Source code on GitHub.
- A deployed website link.
- A README file with:
 - Project Overview
 - Instructions for running the project
 - Technologies used

Task Evaluation Criteria:

- **Design Quality:** Product showcase, UI/UX, and responsiveness (25%).
- **Functionality:** Interactive elements and navigation (25%).
- **Code Quality:** Clean, readable code (20%).
- **GitHub Usage:** Proper version control practices (15%).
- **Presentation/Demo:** Clear explanation of the home page features (15%).

Suggestions for Topics (Optional):

- E-commerce Home Page
- Product Showcase
- Shopping Cart Integration

Tools and Resources:

- **Code Editors:** VS Code, Sublime Text, etc.
- **Version Control:** Git and GitHub
- **Responsive Frameworks:** Bootstrap, Tailwind CSS
- **Deployment Platforms:** GitHub Pages, Netlify, Vercel

Deadline: Complete the project till 3 Jan 2025.
