**Web Development Foundation Course**

**Day – 13 - Project**

**E-Commerce Project Guide**

**Project Overview**

Build a responsive Indian e-commerce website showcasing traditional products (clothing, jewelry, home decor) using **Bootstrap 5** and minimal custom CSS.

**Pages to Develop**

1. **Homepage**
2. **About Us**
3. **Contact Page**
4. **Product Details Page**

**1. Homepage Structure**

**A. Top Announcement Bar**

* Free shipping notice with CTA link
* Sticky at the top

**B. Navigation Bar**

* Logo + Brand name
* Responsive menu (collapses on mobile)
* Links: Home, About, Contact
* Search, Wishlist (with badge), Cart (with badge) icons

**C. Hero Section**

* Full-width image with overlay text
* Headline + Subheadline
* "Shop Now" CTA button

**D. Categories Slider**

* Carousel with 6 category cards (2 slides of 3 cards each)
* Each card has:
  + Category image
  + Title
  + "Shop Now" link

**E. Featured Products**

* Grid of 4 product cards
* Each card shows:
  + Product image
  + Favorite icon
  + Product name
  + Star ratings
  + Price (with discount if applicable)

**F. Promotional Banners**

* Two side-by-side banners (50% width each)
* Each has:
  + Background image with overlay
  + Headline + Subheadline
  + CTA button

**G. Testimonials**

* 3 customer review cards
* Each includes:
  + Star rating
  + Review text
  + Customer photo + name/location

**H. Newsletter Signup**

* Email input + Subscribe button
* Centered with heading and description

**I. Footer**

* 4-column layout:
  1. Brand info + social icons
  2. Shop links
  3. Help links
  4. Contact info
* Copyright notice

**2. About Us Page**

**Key Sections:**

* **Hero Banner**: Image with "Our Story" headline
* **About Content**:
  + Image + text (2-column layout)
  + Key selling points (checkmark list)
* **Our Values**:
  + 3 cards (Artisan Empowerment, Authenticity, Quality)
  + Each with icon + short description

**3. Contact Page**

**Key Sections:**

* **Hero Banner**: "Get in Touch" headline
* **Contact Cards**: 4 cards (Location, Phone, Email, Hours)
* **Google Maps Embed**
* **FAQ Accordion**: 4 common questions

**4. Product Details Page**

**Key Sections:**

* **Product Gallery**:
  + Large main image
  + 4 thumbnail images (click to change main image)
* **Product Info**:
  + Title
  + Star ratings + review count
  + Price (with discount)
  + Description
  + Color options (color swatches)
  + Size selector (buttons)
  + Quantity selector (+/- buttons)
  + Add to Cart/Wishlist buttons
  + SKU + Category details
  + Social sharing icons
* **Related Products**: 4-product grid

**Technical Requirements**

**1. Bootstrap 5 Components Used:**

* Navbar (responsive)
* Carousel (for categories)
* Cards (products/testimonials)
* Accordion (FAQs)
* Badges (for cart/wishlist counts)
* Grid system (layouts)

**2. Custom Styling (CSS)**

* Primary color: Purple (#6c63ff)
* Hover effects on cards/buttons
* Image zoom on product hover

**3. JavaScript**

* Image switcher for product gallery
* Quantity selector functionality

**Workflow Steps**

1. **Setup**:
   * Create HTML files
   * Add Bootstrap CSS/JS CDN links
   * Create folder for images
2. **Build Structure**:
   * Code each section in order (header → hero → categories → etc.)
3. **Make Responsive**:
   * Test on mobile (stack columns where needed)
4. **Add Interactions**:
   * Image switcher
   * Quantity adjuster

**Testing Checklist**

✅ All links work  
✅ Images load properly  
✅ Mobile-responsive (no horizontal scroll)  
✅ Forms are functional  
✅ Hover effects work

**Final Deliverables**

* 4 HTML pages
* Image assets folder
* Minimal custom CSS