

# DevifyX Assignment: E-commerce Product Page

## Objective:

Build a fully functional **E-commerce Product Page** using **HTML, CSS, and JavaScript** (without frameworks such as React or Vue). This task is designed to assess your UI building skills, JS interactivity handling, and feature implementation.

**Note:** You may use tools like ChatGPT, Stack Overflow, and official documentation—just like you would in a real job.

## Core Requirements

### 1. Product and Cart Features

- Product title, price, description
- Quantity selector
- “Add to Cart” button
- Cart icon with item counter
- Cart preview with name, quantity, and subtotal
- Cart data stored in `localStorage`

### 2. Product Image Gallery

- Main image display
- Thumbnail previews
- Click-to-switch or carousel behavior
- Zoom on hover (desktop) or pinch-to-zoom (mobile)
- Optional: 360° view or video demo

### 3. Product Variants

- Selectors for color and size
- Dynamic price and image update
- Out-of-stock variant handling

### 4. Ratings and Reviews

- Display average star rating
- List of sample reviews
- (Bonus) Review submission form

## 5. Responsive Layout and UI

- Mobile-first responsive design
- Sticky Add to Cart on mobile
- Tabs or accordion for description, reviews, FAQ
- Loading skeletons or spinners

## 6. Accessibility

- Alt text on all images
- Use of semantic HTML (`section`, `main`, etc.)
- ARIA roles/labels where needed
- Full keyboard accessibility

## Bonus Features (Optional)

- Wishlist / Save for later using `localStorage`
- Discount badge or countdown timer
- Recently viewed items
- “Customers also bought” section
- Promo code input and price calculation
- Undo toast for cart actions

## Submission Guidelines

- Clean and organized folder structure
- Clear, well-commented, and readable code
- Use only HTML, CSS, and JavaScript (no build tools)
- Video Demo + Github Link
- Submission Form:- <https://forms.gle/5HuZzCpKMdPHJXVv5>
- Deadline:- 4 Days

## Evaluation Criteria

- Feature completeness and correctness
- Code readability and maintainability
- UX/UI design decisions
- Use of modern HTML/CSS/JS practices
- Use of external tools like ChatGPT where appropriate