

# Digital Portfolio

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# PROJECT TITLE

Shopping Mall



# AGENDA

1. Problem Statement
2. Project Overview
3. End Users
4. Tools and Technologies
5. Portfolio design and Layout
6. Features and Functionality
7. Results and Screenshots
8. Conclusion
9. Github Link



# PROBLEM STATEMENT

A shopping mall page (index.html) with items, cart functionality, and animations.

A login form page where users enter details (name, email, phone, address).

After login, the user should be redirected to the shopping mall page.



# PROJECT OVERVIEW



Goal

To create a mini shopping mall website that:


Shows a list of products with price, image, and “Add to Cart” button.

Allows customers to add items to their cart and view them dynamically.

Has a login page where customers must enter their details before accessing the shopping mall.



# WHO ARE THE END USERS?



Customers/Shoppers: These are people who use the site to browse various items, add products to their shopping cart, and complete purchases. They can be casual browsers, bargain hunters, product-focused, researchers, or one-time shoppers, each with slightly different usage patterns.

Shop Owners/Vendors: These users manage their own storefronts within the shopping mall platform. They upload products, handle orders, and interact with customers as needed.

# TOOLS AND TECHNIQUES



Payment Gateways: Stripe, Apple Pay, Google Pay, and EFT gateways enable secure and seamless transactions for customers.

Inventory Management: Integration of inventory tools ensures product availability is always updated and synced across website and physical stores.

SEO Tools: Platforms like Moz help optimize the website for better search engine rankings and organic traffic, while built-in SEO tools are provided in most modern e-commerce builders

# POTFOLIO DESIGN AND LAYOUT

**Prominent Imagery:** Use high-quality images or carousels as a focal point on the homepage and key sections to display top sales, product launches, or mall events.

**Bold Colors and Fonts:** Build layouts around theme colors and bold headings to make key areas—such as sales, promotions, or new arrivals—stand out.

**Intuitive Navigation:** Implement clear menus, easy-to-find search bars, and category filters for simple browsing of stores, products, and services.



# FEATURES AND FUNCTIONALITY

Product Grid: Products (e.g., Smartphone, Headphones, Backpack) are displayed in a responsive grid, each with image, name, and price.

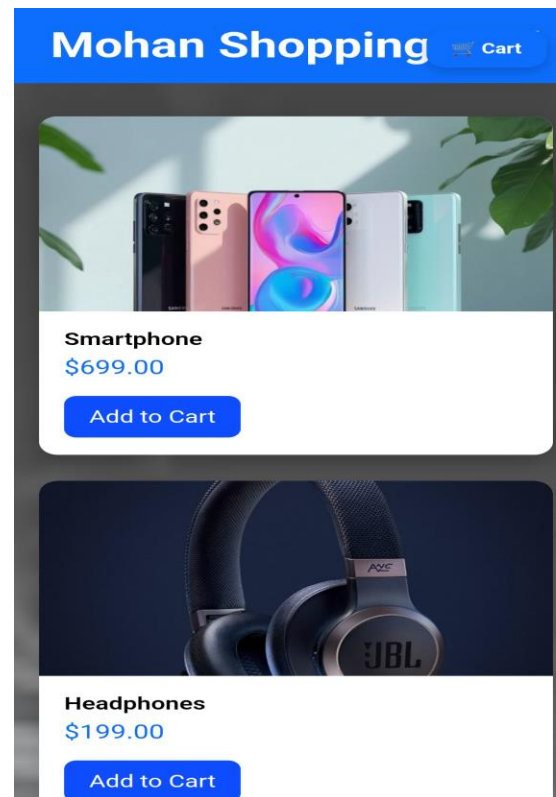
Add to Cart: Each product has an “Add to Cart” button to add items to a cart using JavaScript. Repeated clicks add to the quantity.

Cart Panel: A fixed-position cart panel shows current selected items and their quantities when the cart icon is toggled. The cart animates in and out for smooth user experience.

Animated UI: Items float gently via CSS animation, and the cart panel slides in using keyframe animations

# RESULTS AND SCREENSHOTS

The provided code bundle includes two separate HTML pages styled and scripted for a front-end e-commerce platform “Mohan Shopping Mall”



# CONCLUSION

The implementation exemplifies a front-end-focused shopping mall site, encompassing interactive product listing, animated visuals, and a styled login form—all powered by HTML, CSS, and JavaScript.

For further enhancement, consider adding backend integration for real authentication and order storage, improved item management, and checkout/payment simulation for a full e-commerce experience.

# Github Link

<https://github.com/mmohanraj24107bsccs-code/TNSDC-PWD-PD1.git>