

Project Documentation

- **Version:** #1.0
- **Team** 1
- **Date:** 📅 3 Oct 2023
- **Project:** E-commerce website

Purpose

The main purpose of this project is to use our knowledge and skills acquired during the training to develop an e-commerce website project in 5 days. The objective of the project is to provide front-end developers with practical experience in building a dynamic and visually appealing e-commerce web application. By utilizing your knowledge of HTML, CSS, JavaScript, and responsive design principles, you will craft an engaging user interface that meets modern e-commerce standards

Scope

To develop a fully functional e-commerce website for training graduation purposes, that is responsive, mobile-friendly, and includes the essential features of a modern e-commerce platform.

GitHub Link

[GitHub - burakboduroglu/e-commerce-app](https://github.com/burakboduroglu/e-commerce-app)

People who attended

- Burak Boduroğlu
- Derya Nur Ciritoğlu
- Fatih Karaoğlu
- Mücahit Çınar
- Onur Can Özen
- S. Enes Yurtcu
- Yağmur Baran Karakuş

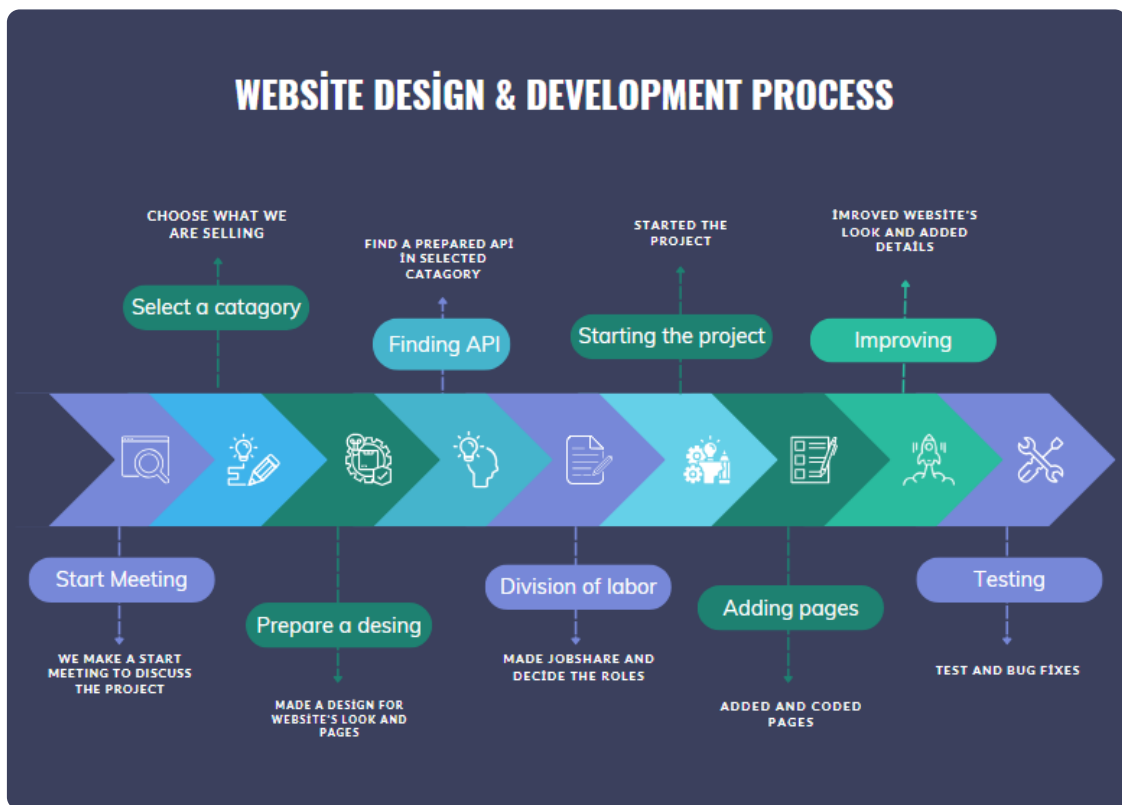
Definitions & acronyms

E-commerce	Electronic commerce	The buying and selling of goods and services over the Internet.
Product Catalog	Product Listing	A list of products that are available for sale on an e-commerce website.
Shopping cart	Buying basket	A feature on an e-commerce website that allows customers to add products to their purchases and proceed to checkout.
Checkout process	Purchase completion process	The steps that a customer takes to complete their purchase on an e-commerce website.
Payment processing integration	Payment gateway integration	A connection between an e-commerce website and a payment processor that allows customers to pay for their purchases with credit cards, debit cards, and other payment methods.
Order tracking	Order status tracking	A feature on an e-commerce website that allows customers to track the status of their orders.
Customer account management	Customer profile management	A feature on an e-commerce website that allows customers to create an account and manage their orders, shipping addresses, and payment information.
Secure payment processing	PCI-compliant payment processing	The use of encryption and other security measures to protect customer payment information.
ECP	E-commerce platform	A software solution that allows businesses to create and manage their own e-commerce websites.
API	Application programming interface	A set of rules that define how two pieces of software can communicate with each other.
UX	User experience	The overall experience that a user has when interacting with a product or service.
UI	User interface	The graphical elements and layout of a product or service that users interact with.
CMS	Content management system	A software solution that allows businesses to create, edit, and publish content on their websites.

Challenges

- Finding API
- Making changes to the navbar
- Connecting sing-in and sign-up

Procedures



Roles

- **Burak Boduroğlu:**

- Designing the main page (header, footer extra)
- Fetching API
- Navbar designing
- Adding slider
- Product card designing

- **Derya Nur Ciritoğlu:**

- - React-router setup and integration
 - Cart context setup and integration
 - Checkout page and subpages
 - Checkout form validations
 - Notifications setup and integration

- **Fatih Karaoğlu:**

- - Project manager
 - Designing the product details page
 - Adding product rates

- **Mücahit Çınar:**

- Creating the sign-in and sign-up pages
- Helped to the usage of Tailwind during design

- **Onur Can Özen**

- **S. Enes Yurtcu:**

- - Categories section reorganizing, and adding onClick functions in header.
 - Categories page creating, linked with API and adding to page router.
 - Search results page creating, linked with API, and adding to page router.
 - 404 Not found page creating and adding to page router.

- **Yağmur Baran Karakuş :**

- - Creating logo and slider's photos and add to the website
 - Preparing the documantation.

Program Timeline

Day 1: Project Setup and Basic Layout

- Introduction to the project's objectives and goals.
- Set up version control using Git for collaborative development.
- Initiate the basic project structure with HTML and CSS files.
- Create a responsive header for the web app.
- Start designing the homepage layout.
- Define the product data structure.

Day 2: Product Listing and Interaction

- Integrate JavaScript for dynamic content manipulation.
- Populate product data using JavaScript objects or JSON.
- Design product cards with images and essential details.
- Implement "Add to Cart" functionality for each product.
- Ensure responsive design for the product listing page.
- Test and debug product listing interactions.

Day 3: Shopping Cart and Checkout

- Develop the shopping cart page layout.
- Add selected products to the cart with quantity control.
- Enable removal of items from the cart.
- Create a checkout page with an order summary.
- Implement basic form validation for the checkout.
- Test and refine cart and checkout features.

Day 4: Responsive Design and Styling

- Apply media queries to achieve responsive design.
- Test and optimize UI/UX for mobile, tablet, and desktop.
- Refine CSS styles for consistent and appealing visuals.
- Implement smooth transitions or animations using CSS.
- Review and clean up the project codebase.

Day 5: Finalization and Presentation

- Conduct comprehensive project testing.
- Create user documentation with clear usage instructions.
- Prepare a concise presentation showcasing project features.
- Submit the project and documentation.

Project Pages

Registration

☐ I accept all terms & condition

Register Now

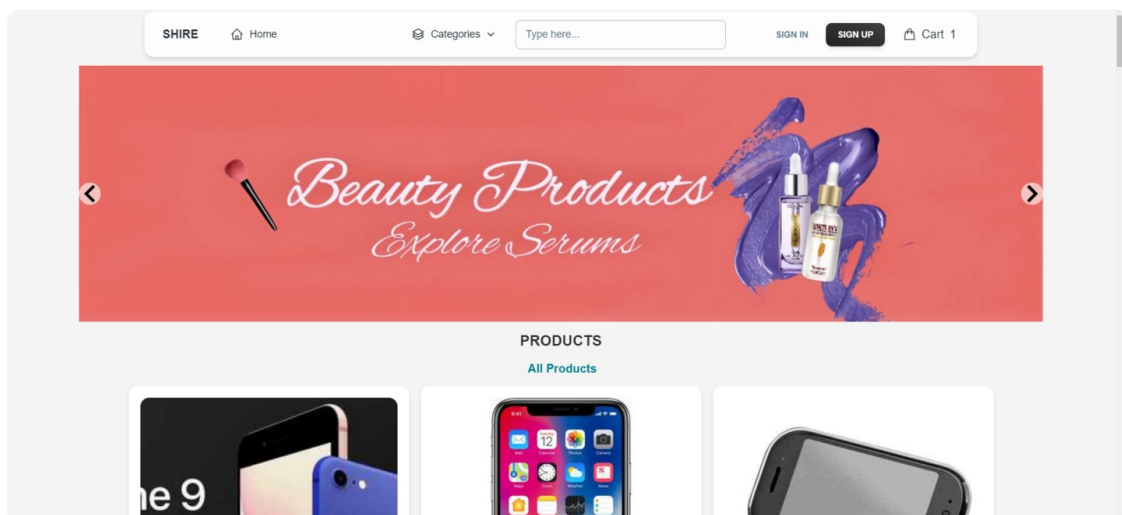
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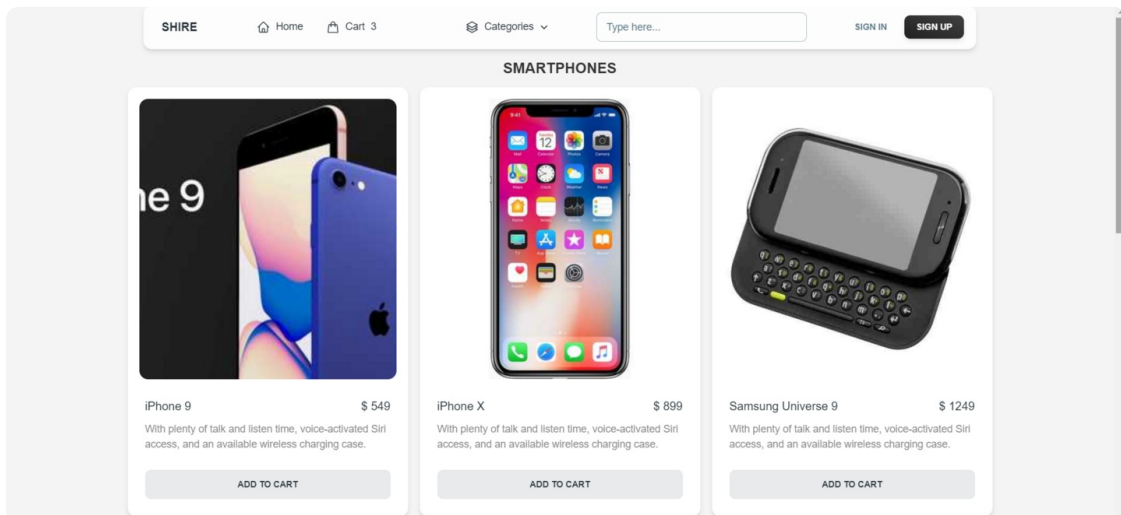
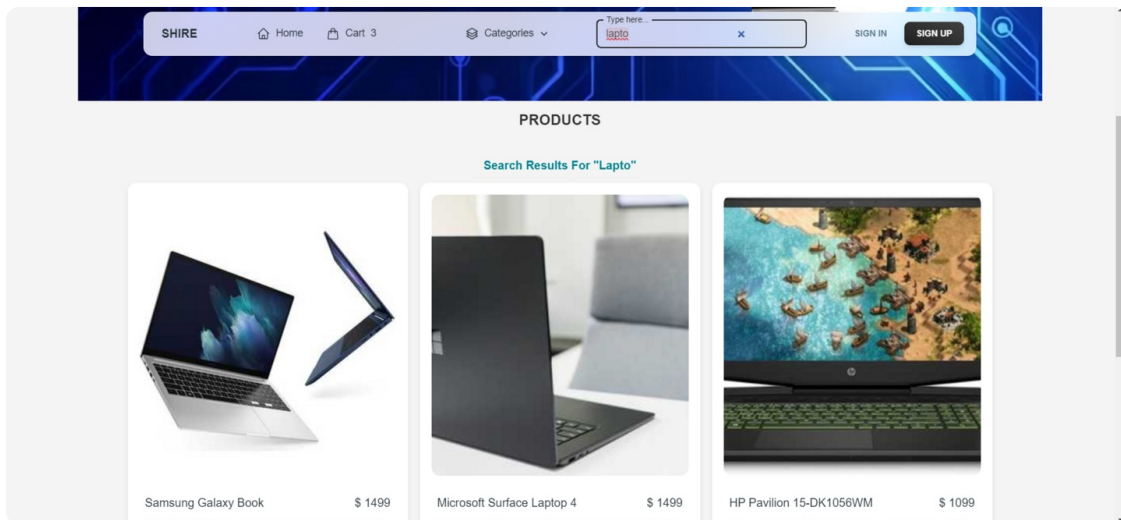
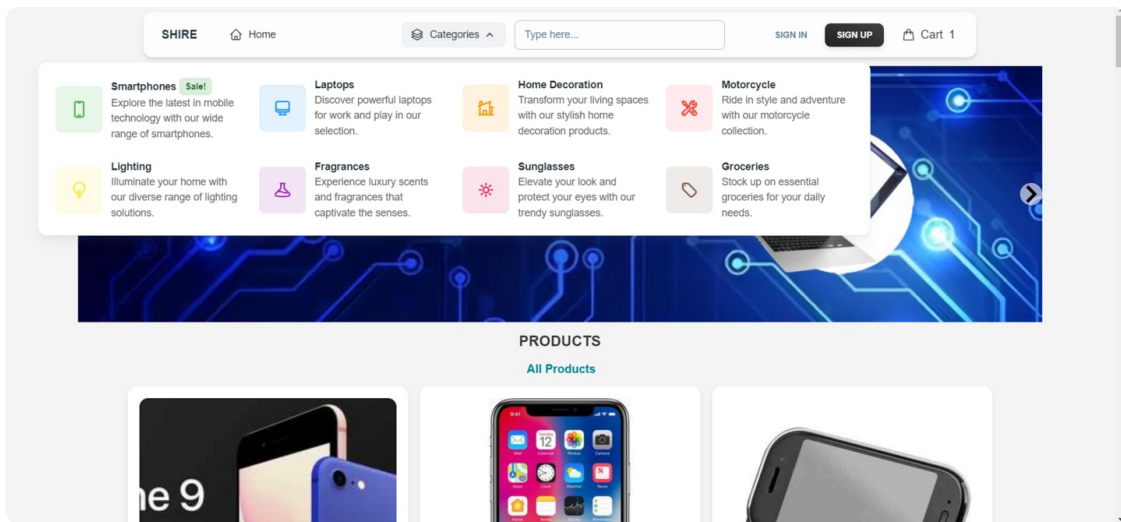
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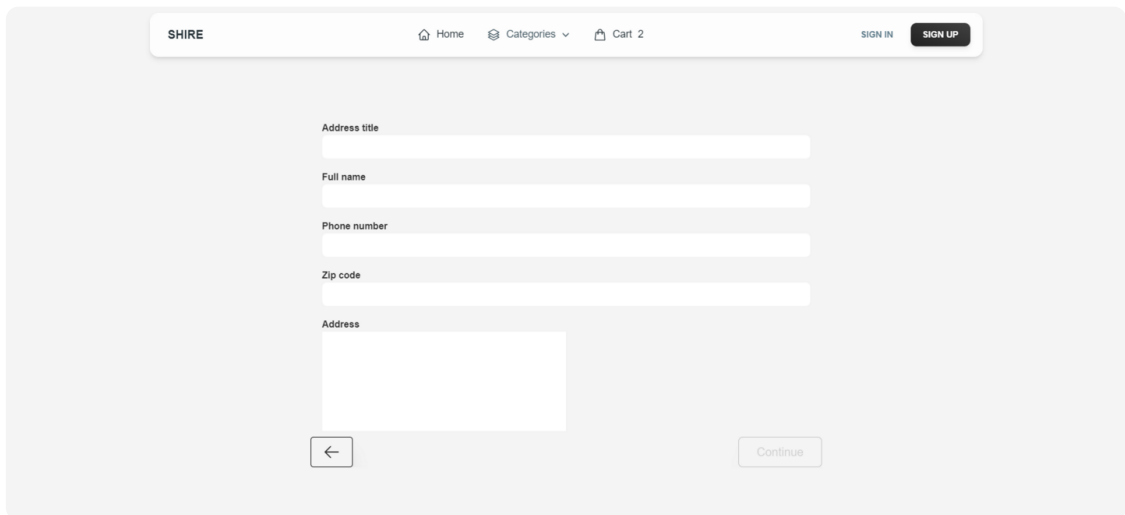
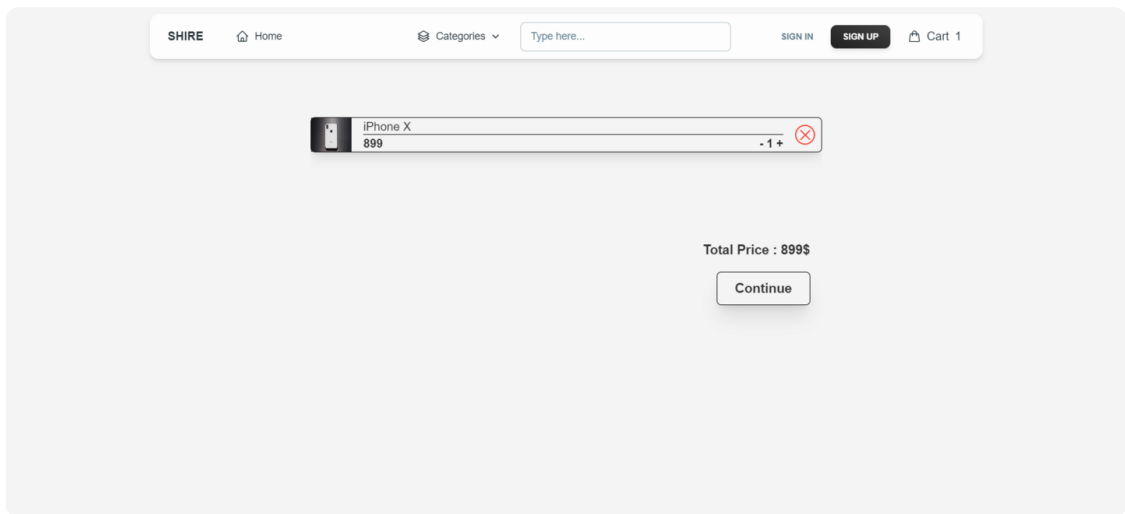
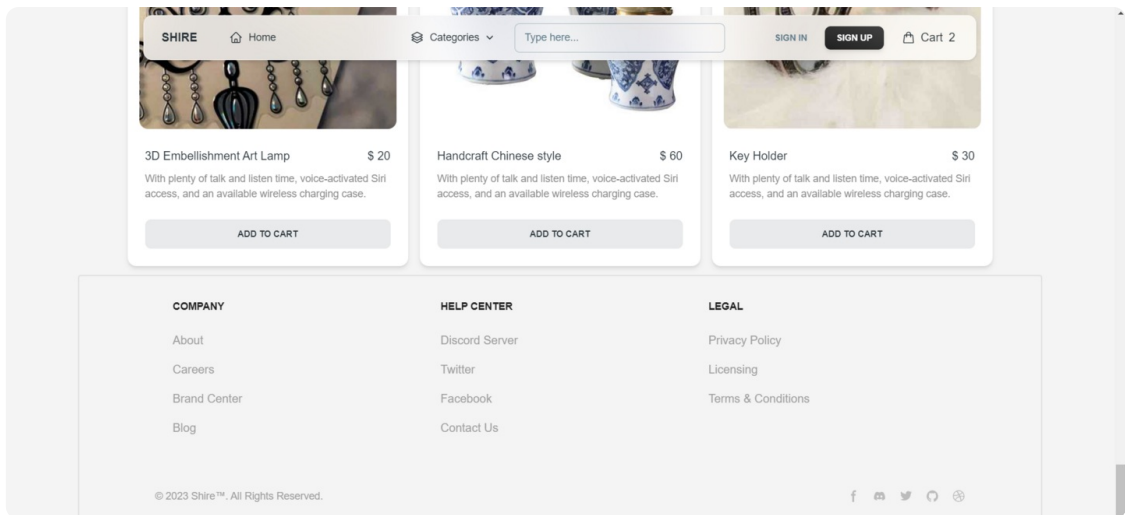
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REGISTER

SIGN IN







SHIRE

Home

Categories


Type here...

SIGN IN

SIGN UP

Cart 1

LAPTOPS




MacBook Pro

\$ 1749

With plenty of talk and listen time, voice-activated Siri access, and an available wireless charging case.

ADD TO CART




Samsung Galaxy Book

\$ 1499

With plenty of talk and listen time, voice-activated Siri access, and an available wireless charging case.

ADD TO CART



Microsoft Surface Laptop 4

\$ 1499

With plenty of talk and listen time, voice-activated Siri access, and an available wireless charging case.

ADD TO CART

SHIRE

Home


Cart 0


Categories

Type here...


SIGN IN

SIGN UP





Meet iPhone 9



iPhone 9

An apple mobile which is nothing like apple

549 \$

2.3 ★★★★★
4 ratings

-

1

+

Add To Cart

Product Information

Product related information will be held here.

SHIRE

Home

Categories

Cart

SIGN IN

Product deleted from the cart successfully

Your cart is empty



Your Payment success

Thanks to...

Amaju Okitikpi

Ngo Alalibo

Ololade Popoola

Tosin Ibijoju