

**A
SYNOPSIS
of
MINOR PROJECT
on
E-Commerce for Artisans**



Submitted by

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**Project Guide
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Problem Statement:

E-Commerce for artisans

Brief Description:

The proposed e-commerce website for artisans aims to bridge the gap between talented craftspeople and discerning customers seeking unique, handmade items. This platform will provide artisans with an intuitive and supportive environment to display their creations manage inventory, process orders, and engage with customers.

Customers will benefit from an enriched shopping experience, with easy access to high-quality, handicraft goods the ability to connect with the makers behind the products.

Through this specialized platform, we aim to preserve and promote artisanal skills while preserve and promote artisanal skills while providing a marketplace that values authenticity quality, and creativity.

Objective and Scope:

The objective of the e-commerce website is to create a dedicated platform that empowers artisans by providing them with the tools and resources to reach a global audience. This website will facilitate the sale of unique, handcrafted products, enhancing artisans' economic opportunities and preserving cultural heritage. Key features will include artisan profiles, detailed product listings, customization options, and storytelling elements to highlight the uniqueness of each craft. The website will also include customer review systems, a blog for artisan stories, and a community forum to engage users and foster a sense of connection and appreciation for handcrafted products.

Methodology:

1. Planning:

- Audience & Goals: Identify target users and define website objectives.
- Feature List: Catalog, search, cart, and contact form.

2. Design:

- Plan the layout and design.
- UI/UX: Focus on intuitive navigation and appealing visuals.

3. Development:

- Project Structure: Organize files into HTML, CSS, and JavaScript folders.
- HTML Create Pages: Home, Product, Cart, and Contact.
- CSS Style Layout: Use Grid or Flexbox for responsive design.
- Typography & Colors: Consistent styles and animations.
- JavaScript Interactivity: Implement search, cart functionalities, and form validation.

4. Testing:

- Cross-Browser & Responsive Testing: Ensure compatibility and responsiveness.

5. Deployment Hosting & Domain:

- Select a hosting service and register a domain.
- Deploy Files: Upload website files to the server.

6. Maintenance:

- Updates & Security: Regularly update content and ensure basic security measures.

Hardware and Software Requirements:

Hardware:

- Computer Processor: Intel Core i3 or equivalent
- RAM: 4 GB (8 GB recommended)
- Storage: 256 GB HDD or SSD
- Display: 1080p resolution

Software:

- Operating System Windows 10/11, macOS, or Linux

- Text Editor/IDE: Visual Studio Code, Sublime Text, or Atom
- Web Browser: Chrome, Firefox, Edge, or Safari (latest versions)
- Version Control: Git
- Web hosting service: GitHub Pages

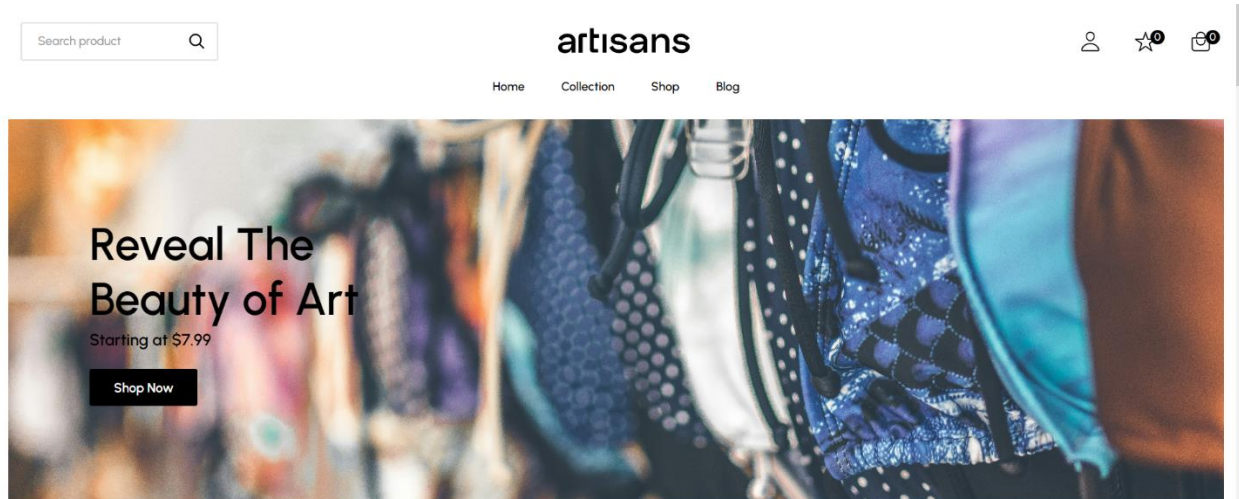
Technologies:

- HTML: Structuring web content.
- CSS: Styling web pages; using Bootstrap for responsiveness.
- JavaScript: Adding interactivity; using jQuery for DOM manipulation.
- Canva: Logo Designing.
- Code editor/IDE: Visual Studio Code
- Git: Version control.
- GitHub: Hosting code repository.
- Web Hosting Service: GitHub Pages Deploying the website.

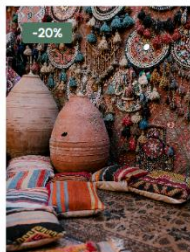
Testing Techniques:

- Unit Testing: Testing individual components of the website to ensure they work as intended.
- Cross-Browser Testing: Ensuring the website performs consistently across different web browsers.
- Responsive Testing: Making sure the website is fully responsive and works well on various devices, including desktops, tablets, and smartphones.

Project Screenshots:



Our Bestsellers



~~\$39.00~~ **\$29.00**
pot items
★★★★★ 5170 reviews



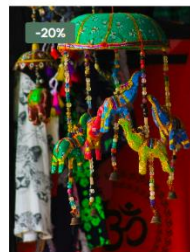
\$19.00
Cashbah Lanterns
★★★★★ 4170 reviews



\$24.00
Natural Cane Ceiling Light Lamp
★★★★★ 5330 reviews



\$28.00
Cushion Cover
★★★★★ 4580 reviews



~~\$39.00~~ **\$29.00**
Hanging Jhoomer
★★★★★ 5170 reviews



Under \$30



~~\$39.00~~ **\$29.00**
Decorative Items
★★★★★ 5170 reviews



\$19.00
statue
★★★★★ 4170 reviews



\$28.00
handmade bowls
★★★★★ 5270 reviews

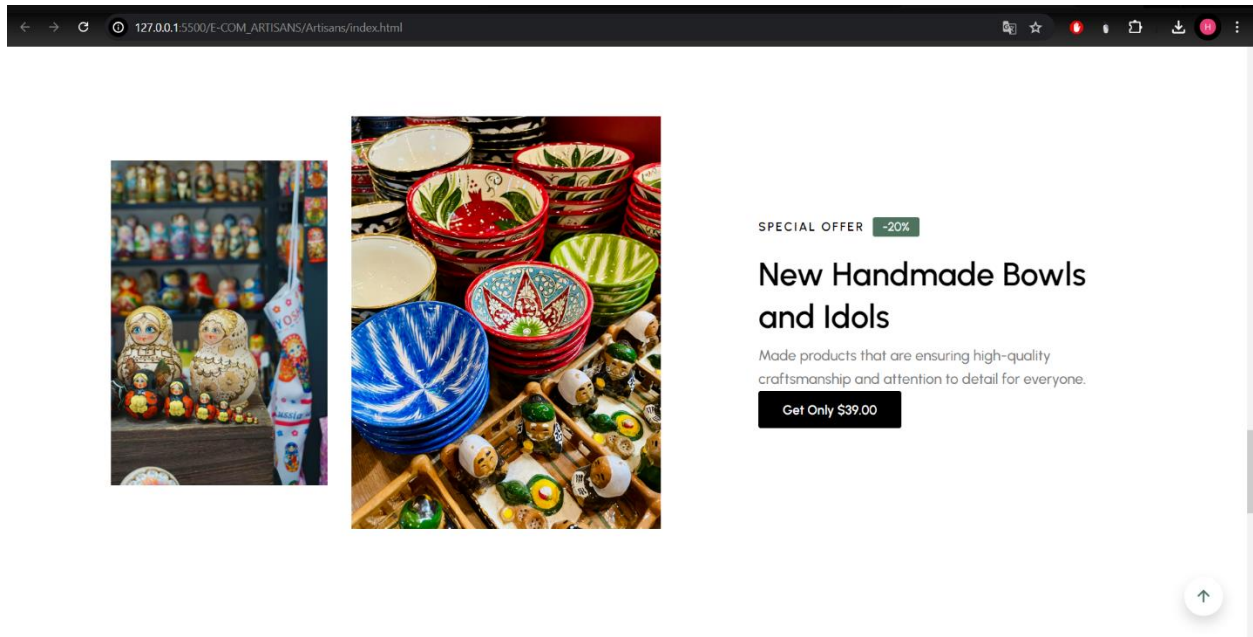


\$30.00
Moroccan Balls
★★★★★ 5130 reviews



~~\$39.00~~ **\$29.00**
Puppet
★★★★★ 5170 reviews





Project Contribution:

The project involves contributions from various roles. The Project Lead oversees the project, defines objectives, and coordinates the team. The Frontend Developer builds the user interface using HTML, CSS, and JavaScript, ensuring responsiveness and interactivity. The UI/UX Designer creates wireframes and user-friendly designs. The Content Creator writes and integrates engaging content aligned with SEO practices. The Deployment Manager handles website deployment, domain configuration, and basic security measures. Each member collaborates to ensure the successful development and deployment of the e-commerce website for artisans.