



SYNOPSIS

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Layer Rugs Website Replica

Submitted By:

Adarsh Srivastava - O - 2115000050

Anupreet - Q - 2115000179

Parul Singh - J - 2115000699

Submitted To:

Mr. Ankit Arora

Technical Trainer

T & D Department

Layer Rugs Website Replica

Objective:

The objective of this project is to create a replica of the Layer Rugs website using HTML, CSS, and JavaScript. The replica should be visually and functionally similar to the original website.

Scope:

The project will cover the following aspects of the Layer Rugs website:

- Home page
- Product pages
- Category pages
- Shopping cart
- Checkout process
- User registration and login

Methodology:

The following tools and technologies will be used to develop the website replica:

- HTML5
- CSS3
- JavaScript
- jQuery
- Bootstrap

Proposed System:

The proposed system will be a static website that is structured using HTML and styled using CSS. JavaScript will be used to add interactivity to the website, such as handling form submissions and updating the shopping cart. jQuery will be used to simplify JavaScript code and make it more efficient. Bootstrap will be used to create a responsive layout that adapts to different screen sizes.

Features:

The website replica will have the following features:

- Home page with a slideshow of featured products
- Product pages with detailed product descriptions and high-quality images
- Category pages with filters to narrow down product selection
- Shopping cart that allows users to add and remove products
- Checkout process that allows users to enter their shipping and billing information
- User registration and login system that allows users to create and manage their accounts

Implementation Plan:

The following steps and timeline will be used for project development:

Week 1:

- Create the HTML structure for the website
- Style the website using CSS

Week 2:

- Implement basic JavaScript functionality
- Implement the shopping cart
- Implement user registration and login functionality

Week 3:

- Test the website for bugs and usability
- Gather feedback from peers and instructors
- Make improvements to the website based on feedback

Team Members:

- Adarsh Srivastava - Front-End Developer
- Anupreet - Front-End Developer
- Parul Singh - Front-End & Back-End Developer

Resources Required:

- Text editor
- Code editor
- Browser testing tools

References:

- HTML5 Tutorial - <https://www.w3schools.com/html/>
- CSS3 Tutorial - <https://www.w3schools.com/css/>
- JavaScript Tutorial - <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide>
- jQuery Tutorial - <https://www.jqueryscript.net/>
- Bootstrap Tutorial - <https://getbootstrap.com/docs/4.4/getting-started/introduction/>

Expected Outcomes:

- A working website replica that is visually and functionally similar to the original Layer Rugs website
- A well-documented codebase that adheres to coding standards and best practices
- A comprehensive project report that clearly outlines the project's objectives, methodology, implementation, and outcomes

Project Supervisor:

Mr. Ankit Arora

Conclusion:

This project will create a valuable resource for both potential and current Layer Rugs customers. The website replica will provide users with easy access to information about Layer Rugs products and services. It will also provide a convenient way for users to purchase Layer Rugs products online.