SYNOPSIS

ON

E-Commerce Website

Submitted By: **Submitted To:**

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Title of the Project

E -Commerce Website

Objective

The main objective of our project is to create a fully functional e-commerce website that provides a seamless online shopping experience for customers while offering an efficient platform for merchants to manage their products and sales. We aim to address the growing demand for online shopping and the need for a user-friendly, secure, and feature-rich e-commerce solution.

Scope

Our project will encompass the
development of the e-commerce
website, including the front-end and
back-end components. However, it will
not cover marketing strategies,
logistics, or the establishment of
payment gateways, which will be
integrated as third-party services.

Methodology

We plan to use HTML, CSS, and JavaScript for the front-end development and a relational database management system.

Proposed System

The proposed e-commerce system will allow users to browse, search, and purchase products through an intuitive and responsive web interface. Merchants will be able to add, update, and manage their product listings, while administrators will have control over user accounts, orders, and site content.

Features

Key features of the e-commerce website will include user registration and authentication, product catalog with search and filtering options, shopping cart, secure payment processing, user reviews and ratings, and an admin dashboard for managing products and users.

Implementation Plan

1. Project Initiation
2. Front-end Development
3. Back-end Development
4. Database Integration
5. Testing and Quality Assurances
6. Deployment and user Training
7. Maintenance and Updates

Team Members

Harsh Sharm a   -   2115000445

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Resources Required

- Development tools(IDEs , text editors)
- Web Development frameworks
- Database management Software
- Security and encryption tools

Reference

- Web Development with HTML,CSS, and JavaScript
- Online Tutorials and documentation for web development frameworks like-
1. https://expressjs.com/
2. https://mongoosejs.com/
3. https://getbootstrap.com/
4. https://nodejs.org/en

Expected Outcomes

We expect to deliver a fully functional e-commerce website with a user-friendly interface and efficient product management tools. The expected outcome is a live e-commerce platform that can be accessed by customers and utilized by merchants to conduct online business.

Project Supervisor-

Mr. Sanjay Madaan

Conclusion

Our project aims to develop a comprehensive e-commerce website that caters to the needs of both customers and merchants, enhancing the online shopping experience. By following the outlined methodology and implementing the proposed system, we expect to create a robust and user-friendly e-commerce platform that will contribute to the growing e-commerce industry.