SYNOPSIS

ON

E-Commerce Website

Submitted By: Submitted To:

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Title of the Project:

Fashionova: Building a User-Friendly E-Commerce Platform for Seamless Online Shopping Experience.

Objective:

To develop and implement 'Fashionova', an innovative e-commerce platform, with a primary focus on creating a user-friendly interface and optimizing the online shopping experience to enhance customer satisfaction, drive sales, and establish a competitive edge in the market.

Scope:

The scope of the ecommerce website mini project includes developing a user-friendly online platform for buying and selling products. It will feature a product catalog, user authentication, shopping cart, secure payment integration, order management, search filter, and basic search functionality. The website will prioritize a responsive design for optimal user experience on various devices.

The ecommerce website mini project will not encompass advanced features like recommendation algorithms, multi-language support, or integration with external ERPs. Additionally, extensive marketing campaigns and in-depth analytics may be beyond the project's scope, focusing primarily on core transactional functionalities and basic user experience.

Methodology:

For the ecommerce mini project, we'll utilize HTML, CSS, and JavaScript for front-end development. Backend tasks will be handled using a combination of PHP and a MySQL database. Payment integration will rely on secure APIs, and version control will be managed with Git. Hosting will be on a cloud platform, ensuring scalability.

Proposed System:

The proposed system for the ecommerce project is an online platform that facilitates seamless buying and selling of products. It will feature a user-friendly interface with a comprehensive product catalog. Users can create accounts, add items to their cart, and securely complete transactions. Payment integration with trusted gateways will ensure secure transactions. Additionally, order management and basic search functionality will be included. The system will prioritize responsive design for optimal user experience across devices. The core idea is to provide a convenient and secure platform for e-commerce transactions.

Features:

The ecommerce mini project will include features such as product catalog with detailed listings, user authentication and account management, shopping cart functionality, secure payment integration, order tracking and management, basic search capabilities, and a responsive design for cross-device compatibility.

Implementation Plan:

- ❖ Frontend Development (5 days)
- ❖ Backend Development (5 days)
- ❖ Testing & Bug Fixing (3 days)
- ❖ Deployment & Hosting (5 days)
- ❖ User Training & Documentation (3days)
- ❖ Post-Launch Monitoring & Feedback (Ongoing)

Team Members:

KRISHNA SHARMA

ROHIT SINGH

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Resources Required:

- ❖ Software:
  - ➢ Integrated Development Environment (IDE) for coding (i.e., Visual Studio Code).
  - ➢ Version control system (i.e., Github) for collaboration and code management.
  - ➢ Database management system (e.g., MySQL) for data storage and retrieval.

- ❖ Hardware:
  - ➢ Desktop or laptop computers with sufficient processing power and memory for development and testing.
  - ➢ Internet connectivity for accessing online resources and hosting the website.

References:

Online Documentation and Tutorials:

Websites W3Schools, and tutorials on platforms of Udemy are used for valuable information on web development technologies.

Programming Languages and Framework Documentation:

For HTML, CSS, and JavaScript.

Ecommerce Platform Documentation:

Specific ecommerce platform (e.g., Myntra, Magento), refer to their official documentation for features and functionalities.

Video Tutorials and Courses:

Online platforms like YouTube video tutorials on web development in are used.

Expected Outcomes:

The expected outcomes of the ecommerce mini project include a functional and user-friendly website for online buying and selling. Users will be able to browse products, create accounts, add items to their cart, securely complete transactions. The website will provide a seamless and secure ecommerce experience.

Conclusion:

The ecommerce mini project has successfully delivered a functional online platform for seamless buying. The website features a user-friendly interface, secure authentication, and a comprehensive product catalog. Users can easily navigate, add items to their cart, and complete transactions securely. The integration of payment gateways ensures smooth financial transactions. With a responsive design, the website caters to a wide range of devices, enhancing accessibility. This project serves as a testament to effective teamwork and application of sound development principles in ecommerce website creation.