SUNSTONE

E-Commerce Website

Task - 1

E-commerce website
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E-Commerce Website

- An e-commerce website or app is one of the best full-stack development projects you can practice at the advanced level. It is a vast project involving front and back-end technologies and database knowledge for efficient execution and implementation. The project takes time and effort because you must maintain a huge database with multiple product categories and prices.

SRS for "E-commerce":

1. INTRODUCTION:

E-Commerce, also known as electronic commerce or internet commerce, is an activity of buying and selling goods or services over the internet or open networks. Our website is envisioned as a cutting-edge e-commerce solution designed to meet the needs to meet our target audience, e.g., consumers, businesses, or a specific industry. It aims to offer a seamless and intuitive online shopping experience while providing essential features for administrators to manage the platform efficiently.

2. PURPOSE:

E-commerce websites have become a ubiquitous feature of the modern digital landscape, offering a wide range of benefits and opportunities to businesses and consumers.The purpose of this project is Increase Sales, Expand Market Reach, Build Brand Awareness, Improve Customer Engagement, Increase Efficiency. 5 category we will develop in this websites, there are Electronic gadgets Smart home gadgets Beauty products Health products Books

3. SOFTWARE REQUIREMENTS:

- ❑ Operating System
- ❑ Java Development Kit (JDK)
- ❑ Web Server
- ❑ Database Management System (DBMS)
- ❑ Integrated Development Environment (IDE)
- ❑ Content Management System (CMS)
- ❑ Payment Gateway Integration

4. HARDWARE REQUIREMENTS:

- ❑ Web/Application Servers Database
- ❑ Server Load
- ❑ Balancers Storage Network
- ❑ Infrastructure

5. FUNCTIONAL REQUIREMENTS:

- ❑ User Registration and Authentication
- ❑ Category Catalog
- ❑ Product Catalog
- ❑ Product Detail Page
- ❑ Shopping Cart
- ❑ Checkout Process
- ❑ User Profiles
- ❑ Reviews and Ratings
- ❑ Mobile Responsiveness
- ❑ Content Management
- ❑ APIs and Integration

6. NON-FUNCTIONAL REQUIREMENTS:

- ❑ Performance
- ❑ Scalability
- ❑ Availability and Reliability
- ❑ Security Usability and User Experience Browser Compatibility
- ❑ Database Performance
- ❑ Load Balancing
- ❑ Data Privacy
- ❑ Third-Party Integrations

E-Commerce Github

https://github.com/Team-NaanMudhalvan/E-COMMERCE