Project Title : Shopnex - E-commerce Platform

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INTRODUCTION

Shopnex is an online shopping platform designed to offer users a smooth and hassle-free shopping experience. It connects customers with a wide range of products and services, making it easier to find what they need. Shopnex focuses on providing a secure, convenient, and user-friendly platform for all customers, ensuring an enjoyable and reliable shopping experience. Whether you're looking for electronics, fashion, beauty, or health products, Shopnex simplifies online shopping and helps you find the best deals all in one place.

SCOPE OF THE PROJECT

The scope of this project includes designing and developing an e-commerce platform with the following features:

- ➔ Design and develop a scalable e-commerce platform.
- ➔ Provide a secure and user-friendly interface.
- ➔ Offer a diverse range of products and services.
- ➔ Ensure efficient payment processing and order management.
- ➔ Deliver exceptional customer support.

SYSTEM REQUIREMENTS

Hardware Requirements:

- ➜ Processor: Intel Core i5 or equivalent
- ➜ RAM: 8 GB or more
- ➜ Storage: 256 GB SSD or more
- ➜ Operating System: Windows 10 or Linux

Software Requirements:

- ➜ Programming languages: HTML, CSS, PHP
- ➜ Database: MySQL

FUNCTIONAL REQUIREMENTS

- ➜ User registration
- ➜ login functionality
- ➜ Product search
- ➜ Shopping cart management
- ➜ Secure payment processing

NON-FUNCTIONAL REQUIREMENTS

- ➜ Performance: Fast loading times (<3 seconds)
- ➜ Security: SSL encryption, secure payment processing
- ➜ Usability: User-friendly interface, easy navigation
- ➜ Scalability: Support for high traffic and large product database

USE CASE DIAGRAM