SYNOPSIS

Title: SHOPIST (E – COMMERCE WEBSITE)

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INTRODUCTION

- Shopist is an e-commerce site that lets users buy and sell products according to their own preferences.

- An E-Commerce portal which will allow formal and Informal merchants in developing countries to advertise and sell their goods on the internet.

- This would permit rural communities to make their wares available to the rest of the world via the World Wide Web.

- The objective of this project is to create an e-commerce web portal with a content management system which would allow product information to be updated securely using a mobile device.

- The web portal will have an online interface in the form of an e-commerce website that will allow users to buy goods from the merchants.

- This project will be divided into following separate components:

  - The content management system (CMS)

  - The e-commerce website/portal

  - The product, merchant and customer database

  - The coupon's, affiliates, discount managements

  - Reporting of the sales, orders, shipments etc

  - The data security system

EXISTING SYSTEM

Our web application is compatible with both digital devices such as mobile phones and computers.

USE OF THE PROJECT

- The e-commerce website/portal will provide merchants with a medium through which they will be able to sell their merchandise.

- It will provide online shoppers with an interface through which they will be able to purchase merchandise from formal and informal merchants.

- This e-commerce website/portal back-end is written in NodeJS which is very popular and versatile programming language.

- The website will provide shoppers with information about the various products that are for sale. The information will include prices, product descriptions, stock availability as well as photographs of the products.

<u>Feasibility of Project</u>

- The Content Management System will be responsible for managing the product, merchant and customer database. It will also handle any changes that must be made to the database as a result of trap action on the e-commerce website.

- This project solves a practical problem and makes it easy for users to buy products and services online.

- With this eCommerce website project, users can do research before making a purchase. Ecommerce is a great way to meet the needs of consumers and helps companies to widen their target markets and stay current with the competition.

FUNCTIONAL
SPECIFICATION

1. Minimum steps to make a purchase.

2. Mobile-friendliness.

3. Unique and recognizable design.

4. Relevant and useful content.

5. Email newsletter tools.

6. Social proof.

7. Shipping & payment systems integration.

8. Live chat.

Software Specification:

- Technology Implemented : REACT, REDUX, EXPRESS,
- Language Used   : HTML5, CSS, JS, NODE
- Database   : MONGO DB

- User Interface Design   : Using VS Code
- Web Browser   : Google Chrome/ Firefox compatible

Hardware Requirements:

- Processor   : Intel i3 and above for Windows, Android 8 and above in Mobile
- Operating System   : Windows 7 and above
- RAM   : 4GB minimum
- Hardware Devices   : N/A
- Hard disk   : 32GB storage
- Display   : N/A

FUTURE SCOPE

- Today, the market place is flooded with several e-commerce options for shoppers to choose from.

- A variety of innovative products and services are being offered spoiling customers for choice.

- Online shopping is no more a privilege enjoyed by your friends and family living in any corner of the world.

- Today, it is a reality in India. In the last couple of years, the growth of e-commerce industry in India has been phenomenal as more shoppers have started discovering the benefits of using this platform.

- There is enough scope for online businesses in the future if they understand the Indian shoppers' psyche and cater to their needs.