E-SHOPPER

Submitted by

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ABSTRACT

"E-SHOPPER" is process of doing business through computer networks. A person sitting on his chair in front of a computer can access all the facilities of the Internet to buy or sell the products. Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time. E-Commerce which was started in early 1990's has taken a great leap in the world of computers, but the fact that has hindered the growth of e-commerce is security. Security is the challenge facing ecommerce today & there is still a lot of advancement made in the field of security. The main advantage of e-commerce over traditional commerce is the user can browse online shops, compare prices and order merchandise sitting at home on their PC. For increasing the use of e-commerce in developing countries the B2B e-commerce is implemented for improving access to global markets for firms in developing countries. For a developing country advancement in the field of ecommerce is essential. The research strategy shows the importance of the e-commerce in developing countries for business applications. The main objective of the E-commerce Website is to manage the details of Products,Customer,Shipping,Payment,Category. It manages all the information about Products, Sales, Category, Products. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Products Customer, Sales, Shipping. It tracks all the details about the Shipping,Payment,Category

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Introduction

Customer get many benefits via online shopping this helps e-commerce companies to build long lasting and profitable relationship with their customers. For making strong relationship with these users it is very important to focus on the customer as a whole and making sense of a flood of real time information that goes well beyond demographics or shopping behaviour. There are two entities who will have the access to the system. One is the admin and another one will be the registered user.

Admin can add product details, view all the order details and can also view the sales of the products. User need to register with basic registration details to generate a valid username and password. After the user logins, it can view all the products that are recommended on the homepage compiled by the system based on user's information. From the recommended products, the user can even further view its details and then if interested to buy, the system gives add to cart option for purchasing the product. The system even has an AI bot with the help of which the user can get answers to queries like features, warranty, price etc. details of the products. This AI Bot even converts text to speech. After selecting the product, user can do payment for the particular product online. Users can view their order history of their purchased product.

Scope

Sellers can deal in a wide range of products. They can analyze customer buying patterns and preferences and offer tailor made offers, discounts, and services. Business can be easily scaled. By selling via online retail sites like Amazon, Flipkart, etc., small traders and manufacturers get the seal of legitimacy.

India has a huge population and with increase in the internet users, the **e-business** expansion becomes easy. The **scope of ecommerce in India** is really good for a long time online business with trending ecommerce marketplaces. Many Sellers are joining the marketplaces like Amazon and Flipkart in order to get more customers for their business. The traffic on these websites is in millions and Indian sellers are seeing this as an opportunity to generate more revenue.

Benefits

Benefits for Seller

- They can respond quickly to market demands.
- Even small businesses can increase their sales and grow by selling online.
- They can enjoy massive savings in infrastructure, as they need not rent or purchase space in pricey locations or spend on interiors, display, etc
- Sellers can deal in a wide range of products
- Business can be easily scaled

Benefits for Buyer

- There is a plethora of choice, as almost every business has started selling online

- Online stores clearly mention return and exchange policies on the site, making it easy for shoppers to decide

- With multiple payment options, it offers more convenience and safety as the gateways are secure and encrypted

- They can easily compare products and prices at different online stores

- Convenience in time – people can shop from home, while travelling, and whenever they want. No worrying about store closing, holidays, commuting, traffic jams etc.

HARDWARE & SOFTWARE REQUIREMENTS SPECIFICATION

Hardware Requirements

Number	Description
1	PC with 250 GB or more Hard disk.
2	PC with 4 GB RAM.
3	PC with core i3 and above processor.

Software Requirements

Number	Description	Type
1	Operating System	Windows
2	Language	JavaScript , HTML,CSS
3	Database	MongoDB
4	IDE	VS Code
5	Browser	Chrome, Firefox, Edge

MODULES IN PROJECT

The modules present in the application are:

- Admin Panel
- Items listing
- Add item
- Update Item
- User Login/Sign Up
- Cart
- Payment
- Order tracking
- Review & Feedback

GANTT CHART

Gantt Chart

	10-Sep	15-Sep	20-Sep	25-Sep	30-Sep	05-Oct	10-Oct	15-Oct	20-Oct
	Home Page	User Signup/Login	Admin panel	Database Connectivity	Add Items	Update Items	Cart	Payment	Feedback & Review
Value	3	5	7	5	4	3	3	10	5
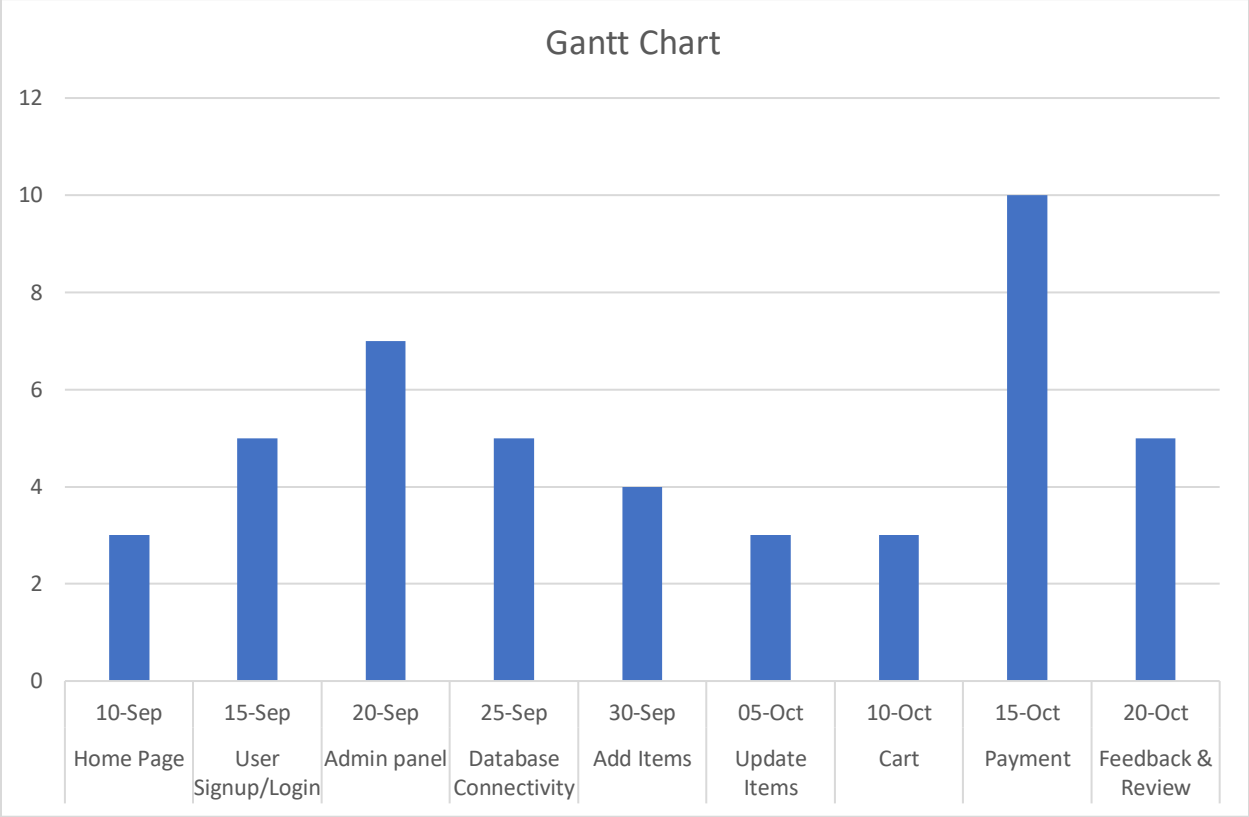
CONCLUSION

A Website providing easy and on time services to the Buyer and making it really efficient to the seller to manage and keep proper records of the orders and transactions made on a daily basis.