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Synopsis for the Web Technology Mini Project on

"E-Commerce Website"

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

PROJECT SYNOPSIS

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Project Title:	E-Commerce website
Project Execution Place (Inhouse /Industry (Details of The Industry and External Guide (Name,Designation, Mail-Id, Contact No,Acceptance Letter to be enclosed))	IN HOUSE
Project Category/Area(Research, Environmental and Societal, Product development , Industrial Live Project, Application Project,Case Study)	WEB APPLICATION

Abstract:

Everything in the world has become digital in this era. E-commerce is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing web sites providing functionality for performing commercial transactions over the web. It is reasonable to say that the process of shopping on the web is becoming commonplace. The objective of this project is to develop a general-purpose e-commerce store where any product (such as clothes, computers, mobile phones, electronic items, and home appliances) can be bought from the comfort of home through the Internet. An online store is a virtual store on the Internet where customers can browse the catalog and select products of interest. The selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information will be needed to complete the transaction. Usually, the customer will be asked to fill or select a billing address, a shipping address and payment information such as credit card number/UPI/Cash on delivery. After submitting the details, order confirmation message is shown on the screen which will be done only after the admin panel has confirmed the order.

Introduction:

Electronic commerce or ecommerce is a term for any type of business, or commercial transaction, that involves the transfer of information across the Internet. It covers a range of different types of businesses, from consumer-based retail sites, through auction or music sites, to business exchanges trading goods and services between corporations. It is currently one of the most important aspects of the Internet to emerge. An eCommerce website is an information technology method in which traders, businesses/distributors/marketers can sell products/services and the customer can purchase on that website electronically by using the internet on the mobile and computer. It means an e-commerce website is an online shop. e means electronic. Commerce means business. The website means the group of HTML web pages and that is created to market/sell information/products/services. From a bigger perspective, every website on the internet is the eCommerce Website. It can be the platform, it can be a marketplace, it can be a portal, it can be apps, it can be an entertainment website, shopping website, online courses website, and online degree college.

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 e-commerce 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 e-commerce is essential. The research strategy shows the importance of the e-commerce in developing countries for business applications.

Existing System:

In day to day life, we will need to buy lots of goods or products from a shop. It may be food items, electronic items, house hold items etc. Now a days, it is really hard to get some time to go out and get them by ourselves due to busy life style or lots of works. In order to solve this, B2C E-Commerce websites have been started. Using these websites, we can buy goods or products online just by visiting the website and ordering the item online by making payments online.

This existing system of buying goods has several disadvantages. It requires lots of time to travel to the particular shop to buy the goods. Since everyone is leading busy life now a days, time means a lot to everyone. Also, there are expenses for travelling from house to shop. More over the shop from where we would like to buy something may not be open 24*7*365. Hence, we have to adjust our time with the shopkeeper's time or vendor's time.

Objectives:

Some of the objectives of the project are: -

- Getting brief idea of using different tools like PHP, HTML into real world problems.
- Easy scanning and selecting items in a list.
- Effective categorical organization of products.
- Simple navigation from home page to information and order links for specific products.
- Obvious shopping links or buttons.
- Consistent layout of product information.
- Returning to different parts of the site after adding an item to the shopping cart.

Proposed System:

In order to overcome the defects of traditional commerce, we have e-commerce solution, i.e. one place where we can get all required goods/products online. The proposed system helps in building a website to buy, sell products or goods online using internet connection. Purchasing of goods online, user can choose different products based on categories, online payments/cash on delivery, delivery services and hence covering the disadvantages of the existing system and making the buying easier and helping the vendors to reach wider market.

In this project, we will be using HTML, CSS and JavaScript to create a nice interface for users so that they will feel comfortable and handy while browsing the different products. No any complex system will be deployed such that users will feel irritated while in use. Flexible site with flexible admin panel to monitor all the products, reviews and orders will be the main idea of this project.

System Requirement Specifications:

- **Hardware Specification:** Desktop/Laptop with min. 512MB RAM, minimum 10GB of Hard disk space
- **Software Specification:** Any editing platforms (Brackets, Adobe Dreamweaver, Visual Studio, Sublime), XAMP

Language Specifications:

- **Front-End:** HTML, JavaScript, CSS
- **Back-End:** MySQL, PHP

Applications of the Project:

E-Commerce website has got many applications in the present context. Since, most part of the world has entered into digital world, everyone just want to sit on their chair and shop. So, starting from small business to big franchises, e-commerce plays important role. Whether it may be single domain product site or multiple domains, e-commerce is there. For an instance, Flipcart is multidomain e-commerce site, where we can buy all sorts of products. Similarly, there are sites like, Shutterstock , which only focuses on digital pictures. However, this project deals with multidomain commerce.

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Signature of Guide	Signature of Coordinator	Signature of HOD