MINI PROJECT - I

**(2020-2021)**

**SYNOPSIS**

**E-COMMERCE WEBSITE**

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**Introduction**

**E-commerce (electronic commerce) is the activity of electronically buying or selling products on online services or over the Internet. Electronic commerce draws on technologies such as mobile commerce, electronic funds transfer, Internet marketing, online transaction processing, inventory management system, and automated data collection systems.**

**E-commerce website development is the most popular option for businesses, as it gives them massive scope in facilitating sales and online transactions, secure conveniently. E-commerce websites enable customers to purchase or buy the goods that are delivered at the customer’s doorstep within the promised time.**

**Looking at all these facilities, we are going to create an e-commerce website in our project. The purpose of this project will not only bring business online but from that project, we will also learn how to make a good website.**

**Existing System**

**In the present scenario, many customers go for purchasing offline to examine the product and hold the possession of the product just after the payment for the product. In this contemporary world, customer’s loyalty depends upon the consistent ability to deliver quality, value, and satisfaction. Offline shopping has a sense of immediacy. We get to possess the item we have purchased the very moment.**

**If we search and make a list of items that we would like to try while shopping, before actually going out. This way we can be more confident in our purchase and not missing out on something… This can also help us to decide what areas we have to visit. And plan such an event with plenty of time.**

**Also, there are expenses for traveling from house to shop. Moreover, the shop from where we would like to buy something may not be open 24x7. To overcome these, we have e-commerce solutions, i.e. one place where we can get all the required goods/products online.**

**Use of Project**

**Essentially, an e-commerce website is one that allows a business to function almost entirely online, supplanting the need for a home office equipped with a sales and managerial staff. The process is automatic, and this is what makes it stand apart from other sites that still have business development as the main goal. There are a variety of purposes that a website can serve, but most of them can be traced back to one common goal: generating a profit. Some of them do this more subtly, choosing to highlight the quality of a craft or to showcase one’s expertise in a particular field.**

**Idea**

**To get the opportunity to reach out and offer your products and services to customers and provide a 24x7 hour facility. These days customers are appreciating the convenience of online shopping more and more.**

**Software Specifications:**

* **Technology Implemented - Full Stacks**
* **Front-End Technologies - HTML , CSS**

**Javascript , Bootstrap**

* **Back-End Technologies - Php & Python**
* **DataBase Used - MongoDb**
* **Web Browser Used - Chrome Browser**
* **IDE Used - Visual Studio Code 2020**

**Hardware Specifications:**

* **Processor - i5**
* **Ram Size - 8 GB**
* **Type of OS - Windows 10 Home**
* **Storage Required - Stored in Github**

**Future Scope**

**In terms of the future of e-commerce in the 21st century, experts predict the promising and glorious figures. In the foreseeable future, e-commerce will be confirmed as the major tool of sale for goods and services. Successful e-commerce will become a nation that will be inseparable from the web because e-shopping is becoming more and more popular and natural in the world. Thus, prevailing to future trends, e-commerce will have huge potential growth in sales and promotion.**

**Each year, there is a continuous growth in e-commerce deals. The volumes of sales for online stores are much higher than the brick and mortars. To the present day, the internet sales boom the foundation for a magnificent e-commerce future. To attract more customers, owners will not only have to increase the number of services available to them but also have to pay more attention to such elements like design, good presentation, etc. So, this is the future of e-commerce development.**