**PROJECT**

**(2019-2020)**

SYNOPSIS

**ONLINE SHOPPING WEBSITE**

**Department of Computer Engineering & Applications**

**Institute of Engineering & Technology**



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**ACKNOWLEDGEMENT**

It gives us a great sense of pleasure to present the synopsis of the B.Tech Mini Project **(ONLINE SHOPPING WEBSITE)** undertaken during B.Tech IIIrd Year. This project in itself is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals.

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**ONLINE SHOPPING WEBSITE**

**(Web development)**

“ONLINE SHOPPING WEBSITE” is a web-based project which is made for remote-shopping or shopping through Internet. As the technology is being advanced the way of life is changing accordance. Now a day’s we can place the order for any thing from our home. The order can be placed online through Internet. The payment, the confirmation of purchasing; we can do every thing we want. Now we can think that how the days have been changed with time. People had to stand in rows to wait there terms to buy a particular thing from a popular shop. But what is happening now a day’s; we can extremely surprise that those things can be available on the door-step in few hours.

People had to suffer the rush of the market when they went for shopping. They used to think hundred times to buy any thing having the sufficient money for shopping. The problem was the rush; the quarrel at the time of buying the things. But the advancement of technology brought the new way for shopping. The way of shopping was completely changed with the coming of Internet Technology. People have to fill a simple form on the internet to place their order on any popular shop or shopping-mall for the thing they want to buy. Now they can place their order from the home

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**INTRODUCTION**

This project is a web based shopping system for an existing shop. The project objective is to deliver the online shopping application.

Online shopping is the process whereby consumers directly buy goods or services from a seller in real-time, without an intermediary service, over the Internet. It is a form of electronic commerce. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet. Thus the customer will get the service of online shopping and home delivery from his favorite shop.

**PROJECT OBJECTIVE:**

The objective of the project is to make a web application to purchase items in an existing shop. In order to build such an application complete web support need to be provided. A complete and efficient web application which can provide the online shopping experience is the basic objective of the project.

**PROJECT OVER VIEW:**

The central concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stores on an RDBMS at the server side (store).

The Server process the customers and the items are shipped to the address submitted by them. The application was designed into two modules first is for the customers who wish to buy the articles. Second is for the storekeepers who maintains and updates the information pertaining to the articles and those of the customers. The end user of this product is a departmental store where the application is hosted on the web and the administrator maintains the database. The application which is deployed at the customer database, the details of the items are brought forward from the database for the customer view based on the selection through the menu and the database of all the products are updated at the end of each transaction. Data entry into the application can be done through various screens designed for various levels of users. Once the authorized personnel feed the relevant data into the system, several reports could be generated as per the security.

**PROBLEM STATEMENT:**

As online shopping became a trend nowadays the regular shops are losing their customers to online brands. Customers have effortless shopping experience and saving time through shopping online. For competing with those online brands, If shops are providing an online portal where their customers can shop through internet and get the products at their doors it will increase the number of customers.

**FUTURE SCOPE:**

This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains. The system recommends a facility to accept the orders 24\*7 and a home delivery system which can make customers happy.

**DESCRIPTION:**

* Any member can register and view available products.
* Only registered member can purchase multiple products regardless of quantity.
* ContactUs page is available to contact Admin for queries.
* There are three roles available: Visitor, User and Admin.
* Visitor can view available products.
* User can view and purchase products.
* An Admin has some extra privilege including all privilege of visitor and user.
* Admin can add products, edit product information and add/removeproduct.
* Admin can add user, edit user information and can remove user.

**DATA DESCRIPTION:**

This database consists of

* **Users:** User and Admin information is added to database with Unique ID based on their roles.
* **Shopping:** Complete products information is stored in this table.
* **Orders:** Customer ordered products, status and delivery information is stored in this table.

**DATA OBJECTS:**

* **User:** ID, UserName, Password,Role
* **Shopping:** ID, Product, Product ID, Cost, Category, Image, Description
* **Orders:** ID, Client, Product, Quantity, Price, Date, OrderShipped

**REQUIREMENT**

* **SOFTWARE REQUIREMENT**
* Operating System Windows 7,linux
* Web Technologies Html, JavaScript,php, CSS
* Server Apache Tomcat server,Glash Fish
* Programming JAVA
* **HARDWARE REQUIREMENT**
* 2GB RAM
* 20 GB of HARDDISK
* Processor i3

**REFERENCES**:

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