**Dr.B.C.ROY ENGEENIERING COLLEGE**

ACADEMY OF PROFESSIONAL COURSES

DURGAPUR

**SYNOPSIS**

ON

**E- Commerce website designing**

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**1.Introduction of the project:**

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.

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, a shipping option, and payment information such as credit card number. An e- mail notification is sent to the customer as soon as the order is placed.

2.**Objective of the project**:

The objective of this project is to develop a general-purpose e-commerce store where any product (such as books, CDs, computers, mobile phones, electronic items, and home appliances) can be bought from the comfort of home through the Internet. However, for implementation purposes, this paper will deal with an online book store.

**The objectives for this project are:**

* Consistent layout of product information.
* selecting items.
* Effective categorical organization of products.
* Simple navigation from home page to information and order links for specific products.
* Obvious shopping links or buttons.

**3.Project category**:

**RDBMS(Relational Database Management System):**A relational database management system is the program that allows us to create ,update and administer a relational database.

This is an RDBMS based project which uses MySQL for all transaction statement.

**4. Hardware and Software Requirement Specifications:**

**i.Hardware Requirement:**

* I3 processor System or Higher
* 4GB RAM or Higher
* 14 inch Monitor Display or Higher

**ii.Software Requirement:**

* **Operating System:** Windows 7 or Higher
* **Technologies used:** HTML,CSS,JavaScript,PHP
* **Database:** MySQL
* **Web Server:** Apache(Using XAMPP)
* Visual Studio Code

**5. Level 0 Data Flow Diagram:**

Products Details Order Details

**E- Commerce website designing**

**0.0**

Price Details

**Admin**

**User**

User info

User info

Order Details Payment Details

**6.Level 1 Data Flow Diagram:**

Response

**Admin**

**User**

Register Enter

product details

Response

Log in

Response

Search for Response

Product Check order

Response

Order product View

Response Response

Response

view total amount

Response check total amount

**7. ER Diagram (Entity-Relationship Diagram):**

User

Admin

1 1 M 1

Manage

Does

Payment

Check

M M

M

Brand

Have

M

has

M M M

Have

Product

Order

M

**8. Modules :**

**i.Admin:**

**a.**View Users Detail:

* Admin can view all the details about user.

b.View Order**:**

* Admin can view details about the order placed by the user.

c**.** Product Entry**:**

* Admin can enter details about new products .

d.Total Amount:

* Admin can check total Amount from user’s order .

**ii.User:**

a.Account:

* User can log in and Register Fashion Store website .

b.Change Password:

* User can change log in password.

c.view product:

* User can view about the details of the product.

d.Place order :

* User can purchase any product from cart.

e.Total Amount:

* User can view total Amount from cart .

**9.Future Scope:**

In terms of 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 the goods and services. Successful e-commerce will become the notion which will be inseparable from the web because e-shopping is becoming more and more popular and natural. 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 store are much higher than the brick and mortars. To the present day, the internet sales boom the foundation for 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.

**10. References** :

* [www.Google.com](http://www.Google.com)
* [www.YouTube.com](http://www.YouTube.com)