**PROJECT REPORT**

**ON**

**“ONLINE CLOTH SHOPPING SYSTEM”**

**For the partial fulfillment of the degree in**

**Bachelors of Computer Applications**

**SESSION 2020-2023**



****

**Faculty of Computer Science Application**

**Amrapali Group of Institutes**

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(BCA 6th Semester)

**DECLARATION**

We hereby declare that the project entitled “Online Cloth Shopping” submitted for the BCA degree is our original work and the project has not formed the basis for the award of any other degree, diploma, fellowship, or any other similar titles.

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**CERTIFICATE**

This is to certify that the project titled “**Online Cloth Shopping**” is the bonafide work carried out by **Gaurav Adhikari , Gaurav Bisht , Govind Singh Nainwal ,Harshit Kirola , Harshit Nakai** students of BCA(6th semester), Amrapali Institute of Applied Sciences, Haldwani affiliated to Uttarakhand Technical University, Dehradun, India during the academic year 2020-23, in partial fulfilment of the requirements for the award of the degree of Bachelors of Computer Applications and that the project has not formed the basis for the award previously of any other degree, diploma, fellowship or any other similar title.

**Place: Haldwani Signature of the guide**

**Date: Name: Prof. Anuja Mishra**

**ACKNOWLEDGEMENT**

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CONTENTS

1. Introduction 06

1.1 Project introduction 06

1.2 Objective 06

1.3 Problem Statement 07

2. Project Description 09

2.1 Modules 09

2.2 Technology Used 11

2.2.1 Software Requirement 11

2.2.2 Hardware Requirement 12

2.3 Tools/Platforms 12

3. System Study 14

3.1 Existing State of System 14

3.2 Proposed System 14

3.3 Feasibility Study 15

3.3.1 Technical Feasibility 15

3.3.2 Operational Feasibility 15

3.3.3 Economical Feasibility 16

4. System Analysis 18

4.1 Use Case Diagram 18

4.2 DFD 23

4.3 ER Diagram 28

4.4 Requirement specification 34

5. Testing 36

5.1 Unit Testing 36

5.2 Integration Testing 36

5.3 Acceptance Testing 37

6. Snapshots 38

7. Conclusion 115

8. Future Scope 116

9. Limitations 116

10. Bibliography 116

1. **INTRODUCTION**

**1.1 Project Introduction**

“**On-line Cloth Shopping System**” is a web-based project which is made for shopping through internet. As the technology is being advanced the way of life is changing accordance. Now-a-days we can place the order for anything from our home there is no need to go the shop for the thing we want. The order can be placed online through internet. The payment the confirmation of purchasing we can do everything we want. Now we can think that how the days have been changed with time. People had to stand in row to wait there turns to buy a particular thing from a popular shop. But what is happening now-a-days 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 anything having the sufficient money for shopping. The problem was the rush the quarrel at the end of buying the things. But the advancement of the technology brought the new way for shopping. The way of shopping was completely changed with the coming of internet technology. People must fill a simple form on the internet to place their order on any shop for the thing they want to buy. Now they can place their order from the home.

This project entitled “On-line cloth shopping” is an implementation of the above description. It means it implements the E-shopping or the other word shopping internet. It lets the user to place their order online technology.

**1.2 OBJECTIVE**

Today the internet and its boom have created a new economics scenario that not only stresses on the classifies concept of the “product” but also on the modern concept of "Service”. It is the level of service that defaults weather a commercial venture will succeed or not in the market. To provide a high accessibility of service we will design the online cloth shopping website so that potential customers need not go to a physical shop to buy product or services.

There are several objectives of this website. The site gives all the information about E-shopping to provide better service for the customers.

It provides the facility to the customers who want to shop on-line due to lack of time.

It providing full detail about the product and related information about the product like Cost, Size etc.

With the help of it we can save the time and money also.

**SCOPE**

The system can be implemented to any shop in the locality or to multinational branded having retail outlet. The system recommended that facilities to accept the ordered 24 \* 7 and a home delivery system which can make customer happy.

If shops are providing an online portal where their customer can enjoy easy shopping from anywhere the shops will not be losing any more customers to the trending online shop.

**1.3 PROBLEM STATEMENT**

In this era everyone is so busy in their life that they try to avail the facilities and services that are quickly and beneficial for them because it can make their life easy. From Online Cloth Shopping an individual can easily buy clothes and this also saves time as people do not have to stand in line and wait for checkout.

So, a system is required that provide an easy shopping facility online and easy selling facility to the merchants. Customer can browse through the products catalog and add the items to shopping cart. He/She can proceed to check out as long as their shopping cart is not empty. Customer will require to login to the system when he/She proceed to checkout or he can create an account if he not yet has one. Customer can view and update their account. Customer can change his/her password and he can also give feedback.

Sales management feature is required which provide sales details, reorder level etc. and product management feature is required to add and edit products, categories and which also provide product description.

Administration area of the online store is accessed by the admin to manage the online shop.

**MANAGEMENT PLAN**

Online Shopping is a platform that allows customers to make purchases online with the convenience of shopping from their own comfort. This project provides the software for ONLINE CLOTH SHOPPING, which provide an easy shopping facility online and easy selling facility to the merchants. It allows a registered customer to purchase a variety of product sold online and provide information about the products in categories. Customers are provided with up-to-date information on the products available.

**MODULES DIVIDED TO TEAM MEMBERS:**

|  |  |
| --- | --- |
| MODULES | MEMBERS |
| Login Module (Customer login, Admin login) | Harshit Nakai |
| Registration Module (Register, update details) | Gaurav Adhikari |
| Shopping Module (Purchased products, add to cart) | Gaurav Bisht |
| Admin Management Module (Add product, product details, delete product, product description). | Harshit Kirola |
| Category Module (Manage category, search product) | Govind Singh Nainwal |

TEAM MEMBERS GUIDE

**Prof. Anuja Mishra**

**2. PROJECT DESCRIPTION**

**2.1 MODULES:**

The system after careful analysis has been identified to be presented with the following modules and roles. The modules involved are:

* **Admin Management Module**
* **Registration Module**
* **Login Module**
* **Category Module**
* **Shopping Module**

**Admin Management Module:**

The administrator is the super user of this application. Only admin have access into this admin page. Admin may be the owner of the shop. The administrator has all the information about all the users and about all products.

* **View Order**

Administrator can view the Orders which is generated by the users. He can verify the details of the purchase.

* **Login**

An admin must login with admin id and password.

* **Product Management**

Administrator can add or delete products.

**Registration Module:**

* **Registration:**

Customer must register themselves in order to avail the facilities of online shopping. Only after registration customer can purchase products.

* **Search:**

Customer can search for the products but for buying the products a customer should register himself/herself onto the system.

**Login Module:**

* **Login**

A user and admin must login with his username and password to the system after registration.

* **View Products**

User can view the list of products based on their names after successful login. A detailed description of a particular product with product name, products details, product image, price can be viewed by users.

**Category Module:**

* **Search:**

Customers can search for the products.

* **View Product Category:**

Customers can view products category.

**Shopping Module:**

* **View Product**

User can view the list of products based on their names after successful login. A detailed description of a particular product with product name, products details, product image, price can be viewed by users.

* **Add to cart:**

The user can add the desired product into his/her cart by clicking add to cart option on the product.

He/she can view his cart by clicking on the cart button. All products added by cart can be viewed in the cart. User can remove an item from the cart by clicking remove.

* **Buy products**

Customer will have to register in the system by providing essential details in order to buy the products in the system.

**2.2 TECHNOLOGY USED**

**Front end**: HTML, CSS, JavaScript

**1.HTML:** Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web.

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes, and other items

**2.CSS:** Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. It is used to create attractive Layout.

**Back end:** PHP, MySQL

**1.PHP:** Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML or other document types, as per client request. PHP is opensource software.

**2.MySQL:** MySQL is a database, widely used for accessing querying, updating, and managing databases.

**Hardware and Software requirement (minimum)**

**2.2.1 Software requirement:**

* **Server-side requirement: -**

**Operating system:** Windows 7 and above.

**Web server:** XAMPP

**Back-end tool:** MySQL.

* **Client-side requirement: -**

**Operating system:** Windows XP and above.

**Web-browser:** Internet explorer or any compatible Browser.

**2.2.2 Hardware requirement:**

* **Server-side Requirement:**

**Processor- Dual** core and above processor.

**RAM-** 1GB.

**Hard disk -**40 GB free space.

* **Client-side Requirement:**

**Processer**- core and above processor.

**RAM**-512MB.

**Hardware**-20GB free space.

**Monitor-** color.

**2.3 TOOLS/PLATFORMS**

**Tools:** In our “**Online Cloth Shopping**” there are some tools that been uses to build and work on our system. These tools are Xampp, notepad++ & Google chrome.

**Xampp:** Xampp is a free and opensource cross-platform web server solution stack package developed by Apache friends, consisting mainly of the Apache HTTP Server, My SQL database and interpreters for scripts written in the PHP and perl programming language. Xampp used to make personal server on our computer & with the help of xampp it become easy to run modules in our pc. Xampp is also cross-platform, which means it works equally well on Linux, Mac, and windows. Since most actual web server deployments use the same components as Xampp, it makes transitioning from a local test server to a live server extremely easy as well.

**Notepad++:** Notepad is a simple text editor for Microsoft Windows and a basic text-editing program which enables computer users to create documents. The resulting files typically saved with the .txt extension when we writing text file on Notepad++. It has no format tags or style, making the program suitable for editing system files to use in a DOS environment. After working in notepad++ it becomes easy to write our program simply.

**Google chrome:** Google Chrome is a freeware web browser developed by Google. It was first released in 2008. It is a fast, secure, and free web browser, built for modern web. Google releases the majority of chrome’s source code as the Chromium open-source project. To run our programs that are built in notepad++ we need an application & for this we use Google chrome.

**Platforms:** Our **“Online Cloth Shopping”** is based on internet, so we need server-side programming language. For this we use PHP for backend language &HTML and SQL for design database and CSS language for front hand. We use these programming languages because they are simple to write and provide good with effective layout.

**PHP *(Hypertext Preprocessor):***PHP is a backend language. PHP is an HTML-embedded, server-side scripting language design for web document. PHP script are executed on the server &PHP is free to download and use. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content or dynamic images used in websites or elsewhere PHP files can contain text, HTML, CSS, JavaScript, and PHP core.

**HTML (hypertext mark-up language):** HTML is the standard mark-up language for creating web pages. HTML describes the structure of web pages using mark-up. HTML elements are the building blocks of HTML pages. HTML elements are represented by tags. HTML tags label pieces of content such as “heading “,” paragraph”, “table”, and so on.

**CSS (cascading style sheet):** CSS is a language that describes the style of an HTML documents. CSS describes how HTML elements should be displayed. CSS handle the look and feel part of a webpage. Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are size and layout, what background images or colors are used, layout design, variations in display for different devices and screen sizes as well as a variety of other effects.

**MY SQL:** There are many database management systems currently available, some are commercial and some are free. Like: Oracle, Microsoft Access, and My SQL. These database systems are powerful, feature-rich software, capable of organizing and searching millions of records at very high speeds. Every database is composed of one or more tables. These tables which structure data into rows and columns impose organization on the data.

**3. SYSTEM STUDY**

**3.1 EXISTING STATE OF SYSTEM**

We have assumed at the present scenario is totally manual, which is very time-consuming process.

**Limitations of existing system**

* In the existing system all work is done manually.
* Wastage of time to find how many orders are placed.
* In manual system generating reports for data based on some condition is time consuming task.
* Searching facility is not provided in a system.
* Time and money are not saved in this system.
* Customer must wait in queues for purchasing items.

**3.2 PROPOSED SYSTEM**

It is difficult to note down all the problems manually. Instead, it is decided to develop and “online cloth shopping” to easy the operation. A system is required which is being capable of elimination of all that problems and become useful for user to use the new system. Following are the advantages of proposed system.

**Advantages of proposed system**

* In the new system customer can purchase item product online.
* Save time and money by online shopping.
* Give the discount offer to customer.
* Provide searching facility to user.
* Admin can generate reports.

**3.3 FEASIBILITY STUDY**

Feasibility study is the determination of whether a project is worth doing. Once it has been determined that a project is feasible, the analyst can go ahead and prepare the project specification which finalizes the project requirements.

* Technical Feasibility
* Operational Feasibility
* Economic Feasibility

**3.3.1 Technical Feasibility**

**User end**

1. This system helps our customers to have a fast and efficient way of buying things.
2. This system works on internet server so it will operate by any end user for buying purpose.
3. User are required to have a PC with an internet connection.
4. It provides an interface for the user registration and fill up all the information needed, all the data than be going to database.
5. Due to computerized data entry, the proposed system is more reliable and accurate.
6. Searching of historical data in the proposed system is not time consuming.
7. Proposed system has interactive user interface which make the system user friendly.

**Developer End**

1. Hardware and software with us can cope with a proposed new system.
2. Every team member is having desktop computer with internet connection.
3. The technology we are using with our system include HTML, CSS in front end and PHP as back end it will be used for database connectivity and the data base part is developed by MYSQL.
4. All the member has good knowledge of above mention technology.
5. The hardware requirement includes Intel core i3 or above processor, 1 GB RAM and 80GB hard disk.
6. The software requirement includes windows XP or above operating system.

The above mention things made our System technically possible.

**3.3.2 Operational Feasibility**

* If the system meets the requirements of the customers and the administrator, we can say that the system is operationally feasible. The proposed system will be beneficial only if it can be turned into a system which will meet the requirements of the store when it is developed and installed, and there is sufficient support from the users.
* The proposed system will improve the total performance.
* Customers here are the most important part of the system and the proposed system will provide them with a convenient mode of operation for them.
* The proposed system will be available to the customers throughout the globe.
* The proposed system will provide a better market for users

Hence, the proposed system is operationally feasible.

**3.3.3 Economic Feasibility**

* New product is totally automated and using a single product we can perform many tasks.
* Only one person can handle all the data, that is, less manpower is required.

Since all the data is stored in the computer therefore the stationary cost is reduced.

**PROJECT PLAN**

Resources requirement are estimated based on cost and development time. Project scheduling may prove to be very useful for controlling and monitoring the process of the project. This is dependent on the resources and development time.

**Project Scope:**

* This system can be implemented to any shop in the locality or to multinational branded shops.
* The system recommends a facility to accept the orders 24\*7 and a homedelivery systems which can make customers happy.
* By providing an online system customers can easy shopping from anywhere.
* It allows people to purchase products online which results in saving money and time.
* With this system the shops will not be losing any more customers to the trending online shops.

**Effort, Schedule, and Team:**

The “Best” team structure depends on: -

* Management style of the organization.
* The no. of people who will populate the team and their skills level.
* The overall problem difficulty.

**Total Effort:** 5 persons.

**Project Duration:**6 months.

**Quality Plan:**

The quality control process consists of the following:

**SRS Review:** The SRS is reviewed by the guide.

**Design Review:** Design document is reviewed by the guide.

**Unit Testing:** Programmer is responsible for unit testing of the modules.

**Unit Testing:** Programmer is responsible for system testing of the modules.

**Risk Management:**

Our project is designed for social discussions and it is risk full when an unauthorized person uses it. We have given username and password as for security purpose, only an authorized

**4. SYSTEM ANALYSIS**

**4.1 USE CASE DIAGRAMS**:

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying what who can do and more importantly what they can’t do.

Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

* The purpose is to show the interactions between the use case and actor.
* To represent the system requirements from user’s perspective.
* An actor could be the end-user of the system or an external system.

A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor– Sender, Secondary Actor-Receiver.

**USE CASE DIAGRAM**

Register User

B

Search Product

Make Order

Login

Add product

Edit product detail

**Admin**

Delete product

**Customer**

Add to cart

Remove from cart

Checkout shopping cart

View shopping cart

Logout

**Use Cases:**

* **Login**
* Introduction: This use case describes how a user logs into the system.
* Actor: Admin, customer.
* Pre-Conditions: None.
* Post Conditions: If the use case is successfully the actor is logged into the system. If not, the system state is unchanged.
* Basic Flow: This use case starts when the actor wishes to login to the system.

1. System requests that the actor enter his/her email and password.
2. The actor enters his/her email and password.
3. System validates name & password and it finds correct allow the actor to logs into the system.

* Alternative flows: Invalid email and Password- If in the basic flow, the actor enters an invalid email and password the system displays an error message.
* Special Requirements: None
* Use Case Relationship: None.
* **Manage Product Details**
* Introduction: Allow Admin to maintain Product details. This includes adding, changing, and deleting student information.
* Actor: Admin.
* Pre-Conditions: Admin must be logged onto the system before this use case begins.
* Post Conditions: If use case is successful, Product information is added/updated/deleted from the system. Otherwise, the system state is unchanged.
* Basic Flow: Starts when Admin wishes to add/modify/update/delete product information.

1. The system requests Admin to specify the function he/she would like to perform/Add/update (Delete).
2. One of the sub flows execute after getting the information.
3. If Admin selects “Add a Product”, “Add a Product” sub flow will be executed.
4. If Admin selects “update a Product”, “update a product” sub flow will be executed.
5. If Admin selects “delete a product”, “delete a product” sub flow will be executed.

* Add a Product:

1. The system requests the admin to enter: Product Name, product Description, Product Category, Product Company, Product Size, Product Amount.
2. System generates unique id.

* Update a Products:

1. System requires the admin to enter Product-id.
2. Admin enters product-id. The System retrieves and displays Product information.
3. Admin makes the changes to product information.
4. After changes the system update the product Records.

* Delete a Product:

1. The system requests the admin to specify the product-id.
2. Admin enters the Product-id. The system retrieves and displays the product information.
3. The system prompts the admin to column the deletion of the student.
4. The admin confirms the deletion.

* **View product Details**
* Introduction: This use case allows the admin to view Product Details.
* Actors: Admin.
* Pre-Conditions: Admin must be logged onto the system before this use case begins.
* Post-Conditions: If use case is successful the product information is displayed by the system otherwise state is unchanged.
* Basic Flow: Use case begins when Admin wish to View Product.
* View Product: System retrieves the details of all products.
* Alternative Flow:

1. Record not found.
2. Error message should be displayed.

* Special Requirements: None.
* Use Case Relationships: None.

**Manage Customer Details**

* Introduction: This use case allows customer to update his/her profile.
* Actor: Customer.
* Pre-Conditions: The customer must be logged on to the system before the use case begins.
* Post Conditions: Of the use case was successful the Customer information is updated. Otherwise, the system state is unchanged.
* Basic flow: This use case states when the Customer wishes to change his/her Account Information from the system.

1. System gets customers id through the session.
2. System displays Customers details.
3. Customer makes required changes.
4. Customer information is updated and saved to the system.

* Alternative Flow: If in the update Customers details flow the Customer decided not to update his/her details, the update is cancelled and the basic flow is restarted at the begin.
* Special Requirements: None.
* Use Case Relationships: None.
* **Registration**
* Introduction: This use case allows customer to register onto the system.
* Actor: Customer.
* Pre-Conditions: None.
* Post-Conditions: Customer is successfully registered into the system and is able to purchase item after been login into the system.
* Basic flow: This use case starts when the Customer wishes to register onto the System.

1. The system requests that the Customer enters his/her details like: - Customer Name, Customer Address, Customer email, Customer Password, Customer Address, Customer Mobile Number.
2. Customer enter his/her details.
3. The details are added to the system.

* Alternative flows: If the Customer is not able to Register the state of the system remains unchanged.
* Special Requirement: None.
* Use Case Relationship: None.

**4.2 DATA FLOW DIAGRAM**

A data flow diagram (DFD) is a graphical representation of the “flow” of data through an information system.

DFDs can also be used for the visualization of data processing (structured design). A DFD shows what kind of information will be input to and output from the system, and where the data will be stored.

Data flow diagrams are also known as bubble charts. DFD is a designing tool used in the top-down approach to system design.

Data flow diagrams can be used in both Analysis and Design phase of the SDLC.

There is different notation to draw data flow diagrams, defining different visual representation for processes, data stores, data flow, and external entities.

**DATA FLOW**-The data flow is used to describe the movement of information from one part of the system to another part. Flows represent data in motion. It is a pipe line through which information flows. Data flow is represented by an arrow

**Data Flow**

**PROCESS** - A circle or bubble represents a process that transforms incoming data to outgoing data. Process shows a part of the system that transforms inputs to outputs.

**EXTERNAL ENTITY -** A square defines a source or destination of system data. External entities represent any entity that supplies or receive information from the system but is not a part of the system.

Entity

**DATA STORE** - The data store represents a logical file. A logical file can represent either a data store symbol which can represent either a data structure or a physical file on disk. The data store is used to collect data at rest or a temporary repository of data. It is represented by open rectangle.

**Data Store**

**0 level DFD:**

Admin

Product description

login view details

User

order details

order description

**1-Level DFD of online shopping**

Delete item

tbl\_product

Admin

New password

Item details

Email and pass

product details

Add Item

Login

Tbl\_product

Search

Cart\_tbl

Email and pass

Product details

product details

Product

Add to Cart

User

Product info

Order details

Order Place

Order details

Order details

Product details

Purchase

Order details

Order\_tbl

View Order

**2-Level DFD for online cloth shopping**

**2nd LEVEL DFD For Registration**

Email and pass

Login

user

Details

Registration\_tbl

Registration

**2nd LEVEL DFD For Create Admin**

Loginn

Email and pass

Admin

Admin details

Create Admin

Admin details

Admin\_tbl

**2nd LEVEL DFD of product**

Item

details

Add Item

Item details

Admin

Updated details

Update Item

Tbl\_product

Product details

Delete Item

Item details

Product\_id

**2nd LEVEL DFD For Cart**

Product info

Product info

Add cart

Cart\_id

Delete cart

User

Cart

Give order

order

Order details

**4.3 ENTITY RELATIONSHIP DIAGRAM**

The entity relationship model was originally proposed by Peter in 1976 to unify the network and relational database views. The ER model is a conceptual data model that uses the real-world entities and relationships. A basic component of the model is the entity relationship diagram which is used to visually represent data objects. Since Chen wrote his paper model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

* It maps well to the relational model. The constructs used in ER model can easily be transformed into relational tables.
* It is simple and easy to understand with a minimum training. Therefore, the model can be used by the database designer to communicate the design to the end user.
* In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

**Connectivity and Cardinality**

The basic types of connectivity for relations are- one-to-one, one-to-many and many-to-many. A one-to-one (1:1) relationship is when at most one instance of an entity. A is associated with one instance of entity B.

A one-to-many (1: n) relationships is when for one instance of entity A, there are zero, one, or many instances of entity B, but for one instance of entity

A many-to-many (m: n) relationship, sometimes called non-specific, is when for one instance of entity A, there are zero, one, many instance of entity A. The connectivity of a relationship describes the mapping of associated.

**ER Notation**

There is no standard for representing data objects in ER diagrams. Each modelling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are several notations used among the more common are Bachman, crow's foot, and IDEFIX. All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. The symbols used for the basic ER constructs are:

* Entities are represented by labelled rectangles. The label is the name of the entity. Entity names should be singular nouns.
* Relationships are represented by a solid line connecting two entities. The name of the relationship is written above the line. Relationship names should be verbs.
* Attributes, when included, are listed inside the entity rectangle. Attributes which are identifiers are underlined. Attribute names should be singular nouns.
* Existence is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required.

City

Belongs to

Belongs to

State

View

Admin

Buy

Add

to

Of

Category

Order

Cart

View

Product

View/

purchase

Registration

**DATABASE DESIGN**

**REGISTRATION: TABLE**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Size** |
| user\_id | int | 11 |
| username | varchar | 200 |
| user\_email | varchar | 200 |
| user\_password | varchar | 255 |
| user\_image | Varchar | 255 |
| user\_ip | varchar | 100 |
| user\_address | varchar | 500 |
| user\_mobile | varchar | 20 |

**Product: TABLE**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Size** |
| product\_id | int | 11 |
| product\_title | mediumtext |  |
| product\_description | mediumtext |  |
| product\_keywords | Varchar | 255 |
| Category\_id | Int | 11 |
| Brands\_id | int | 11 |
| product\_image1 | varchar | 255 |
| product\_image2 | varchar | 255 |
| product\_image3 | varchar | 255 |
| product\_price | varchar | 100 |
| date | timestamp |  |
| status | varchar | 100 |

**ORDER: TABLE**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Size** |
| Order\_id | int | 10 |
| P\_id | Int | 10 |
| user\_id | Int | 10 |
| Quantity | Int | 3 |
| Amount | Int | 7 |
| Order address | Text | Text |
| Order mobile | Big int | 10 |

**PAYMENT: TABLE**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Size** |
| Payment\_id | int | 11 |
| Order\_id | varchar | 11 |
| Invoice\_number | Int | 11 |
| Amount | Int | 11 |
| Payment\_mode | Varchar | 255 |
| Date | timestamp |  |

**CATEGORY: TABLE**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Size** |
| Cartegory\_id | int | 11 |
| Category\_title | varchar | 100 |

**CART: TABLE**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Size** |
| Product\_id | int | 11 |
| Ip\_address | varchar | 500 |
| quantity | int | 100 |
| Date | timestamp |  |

**4.4 REQUIREMENTS SPECIFICATION**

**NON-FUNCTIONAL REQUIREMENTS**

* **Efficiency Requirement**

When an online shopping application implemented customer can purchase product in an efficient manner.

* **Reliability Requirement**

The system should provide a reliable environment to both customers and owner.

* **Usability Requirement**

The online shopping system is designed for user friendly environment and ease to use.

* **Efficiency Requirement**

Implementation of the system uses CSS and html in frontend with PHP as backend and it will be used for database connectivity. And the database part is developed by MySQL. Responsive web designing is used for making the system compatible for any type of screen.

**FUNCTIONAL REQUIREMENTS**

**Customer**

* **Customer Login**

**Description of feature**

This feature is used by the customer to login into system. A user must login with his email and password to the system after registration. If they are invalid, the user not allowed to enter the system.

**Functional requirement**

Email and password will be provided after user registration is confirmed. Password should be hidden from others while typing it in the field

* **Register New Customer**

**Description of feature**

A new user will have to register in the system by providing essential details in order to view the products in the system.

**Functional requirement**

System must be able to verify and validate information. The system must encrypt the password of the customer to provide security.

* **Purchasing an item**

**Description of feature**

The user can add the desired product into his cart by clicking add to cart option on the product. He can view his cart by clicking on the cart button. All products added by cart can be viewed in the cart. User can remove an item from the cart by clicking remove. After confirming the items in the cart the user can submit the cart by providing a delivery address. On successful submitting the cart will become empty.

**Functional requirement**

System must ensure that, only a registered customer can purchase items.

**Admin**

* **Manage Products**

**Description of feature**

The administrator can add product, delete product, and view product.

* **Manage Orders**

**Description of feature**

The administrator can view orders.

**Functional requirements**

The system must identify the login of the admin.

1. **TESTING**

Software testing is a process of running with intent of finding errors in software. Software testing assures the quality of software and represents final review of other phases of software like specification, design, code generation etc.

**5.1 UNIT TESTING:**

Unit testing involved all the validation checks to be applied in each module.

* Error found at the time of unit testing
* Variable not declared

**Solution:** We found many times missing variables at each time we have declared all the variables which were missing.

* Connection about missing or non-activated.

**Solution:** Declaration & opening of connection has been done.

**5.2 INTEGRATION TESTING:**

Integration testing is the process of testing the interfaces among system modules. Some testing ensures that data moves between systems as intended. In the regard of a particular module was obtained in correct format, so that the next module could accept it appropriately. This could be done either after the entire system was developed, or in stages than one module was developed.

**5.3 ACCEPTANCE TESTING:**

Acceptance testing yet to be performed as the project has not been handed to customer as it is in progress. Hence the errors which can occur at a time of acceptance testing are yet to be discovered.

**WHITE BOX TESTING:**

* Errors found at white box testing
* Variable not declared

**Solution:** We found many times missing variables at each times we have declared all the variables which were missing.

* Connection object missing

**Solution:** Declaration & opening of connection has been done.

**BLACK BOX TESTING:**

* Errors found at black box testing
* Acceptance of invalid data

**Solution:** Provide some validation checks to avoid such kind of an error.

1. **SNAP-SHOTS**

**Home page:**

The user can see the list of products that are available. The user can search for products by entering the search term into the search textbox provided on the top. This text box is watermarked with the words “Search Terms” to let the user know that this is the place to enter the search terms.

Home page is available for both login user and admin.

In a home page we have a login bar, signup bar and category bar. User can seen all the categories and not shop without a signup.

CODE:-

<?php

include('includes/connect.php');

include('functions/common\_function.php');

session\_start();

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>E-Commerce</title>

<!-- bootstrap css link -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ" crossorigin="anonymous">

<!-- font awsome link -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css" integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46ZmdtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />

<!-- css file -->

<link rel="stylesheet" href="styles.css">

<!-- <style>

\*{

overflow-x: hidden;

}

</style> -->

</head>

<body>

<!-- navbar -->

<div class="container-fluid p-0">

<nav class="navbar navbar-expand-lg navebar-light bg-info">

<div class="container-fluid">

<img src="./img/Logo.jpg" class="logo">

<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="true" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">

<ul class="navbar-nav me-auto mb-2 mb-lg-0">

<li class="nav-item">

<a class="nav-link active" aria-current="page" href="index.php">Home</a>

</li>

<li class="nav-item">

<a class="nav-link" href="display\_all.php">Product</a>

</li>

<?php

if (!isset($\_SESSION['username'])) {

echo "<li class='nav-item'>

<a class='nav-link' href='./users\_area/user\_registration.php'>Register</a>

</li>";

} else {

echo "<li class='nav-item'>

<a class='nav-link' href='./users\_area/profile.php'>My Account</a>

</li>";

}

?>

<li class="nav-item">

<a class="nav-link" href="#">Contact</a>

</li>

<li class="nav-item">

<a class="nav-link" href="cart.php"><i class="fa-solid fa-cart-shopping"></i><sup><?php cart\_item(); ?></sup></a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Total Prize: <?php total\_cart\_price() ?> /-</a>

<a href=""></a>

</li>

</ul>

<form class="d-flex" action="search\_product.php" method="get">

<input class="form-control me-2" type="search" placeholder="Search" aria-label="Search" name="search\_data">

<input type="submit" value="Search" class="btn btn-outline-light" name="search\_data\_product">

</form>

</div>

</nav>

<!-- calling card function -->

<?php

cart();

?>

<!-- second child -->

<nav class="navbar navbar-expand-lg navebar-dark bg-secondary">

<ul class="navbar-nav me-auto">

<!-- <li class="nav-item">

<a class="nav-link" href="#">Welcome Guest</a>

</li> -->

<?php

if (!isset($\_SESSION['username'])) {

echo "<li class='nav-item'>

<a class='nav-link' href='#'>Welcome Guest</a>

</li>";

} else {

echo "<li class='nav-item'>

<a class='nav-link' href='#'>Welcome " . $\_SESSION['username'] . "</a>

</li>";

}

if (!isset($\_SESSION['username'])) {

echo "<li class='nav-item'>

<a class='nav-link' href='./users\_area/user\_login.php'>Login</a>

</li>";

} else {

echo "<li class='nav-item'>

<a class='nav-link' href='./users\_area/logout.php'>Logout</a>

</li>";

}

?>

</ul>

</nav>

<!-- Third child -->

<div class="bg-light">

<h3 class="text-center">All cloth store</h3>

<p class="text-center">Communication is at the heart of e-commerce and community</p>

</div>

<!-- Fourth child -->

<div class="row p-1">

<div class="col-md-10">

<!-- Product -->

<div class="row">

<!-- feteching query -->

<?php

getproducts();

get\_unique\_category();

get\_unique\_brand();

$ip = getIPAddress();

// echo 'User Real IP Address '.$ip;

?>

</div>

</div>

<div class="col-md-2 bg-secondary p-0">

<!-- brands to be displayed -->

<ul class="navbar-nav mg-auto text-center">

<li class="nav-item bg-info">

<a href="#" class="nav-link text-light">

<h4>Delivery brand</h4>

</a>

</li>

<?php

getbrands();

?>

</ul>

<!-- Catagories to be diplay -->

<ul class="navbar-nav mg-auto text-center">

<li class="nav-item bg-info">

<a href="#" class="nav-link text-light">

<h4>Catagories</h4>

</a>

</li>

<?php

getcategorys();

?>

</ul>

</div>

</div>

<!-- last child -->

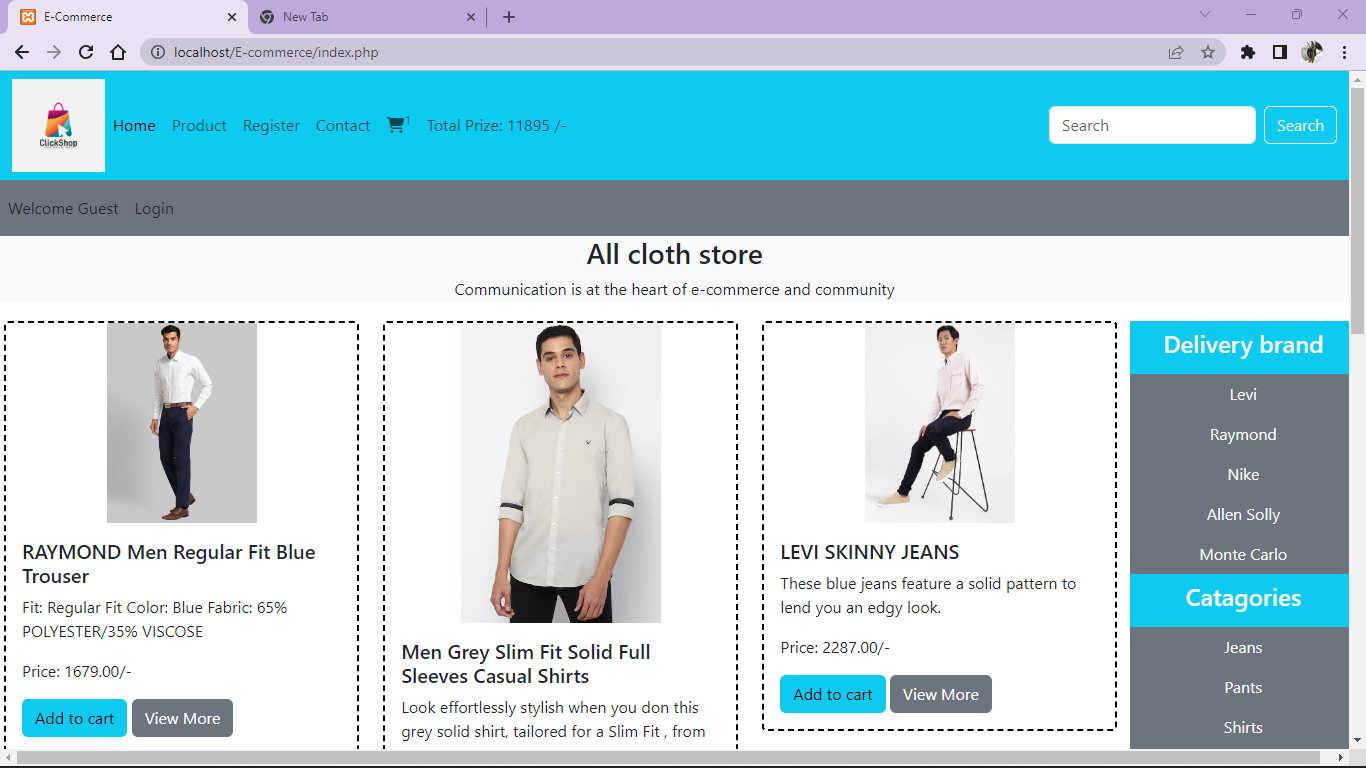
<?php include("./includes/footer.php") ?>

</div>

<!-- bootstrap js link -->

<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.7/dist/umd/popper.min.js" integrity="sha384-zYPOMqeu1DAVkHiLqWBUTcbYfZ8osu1Nd6Z89ify25QV9guujx43ITvfi12/QExE" crossorigin="anonymous"></script>

</body>

****</html>

**REGISTRATION PAGE:**

Registration only happens the first time you access the system.  It is a way to check your credentials.  Every time after your initial registration, you will log on to the system using the username and password you created.

**Registration fields are:**

Username: eg:-

Address. Eg:

State. Eg:-

City. Eg:-

Email. Eg:

CODE:-

<?php

include('../includes/connect.php');

include('../functions/common\_function.php');

?>

<!DOCTYPE html>

<html>

<head>

    <meta charset='utf-8'>

    <meta http-equiv='X-UA-Compatible' content='IE=edge'>

    <title>User - registration</title>

    <meta name='viewport' content='width=device-width, initial-scale=1'>

    <link rel='stylesheet' type='text/css' media='screen' href='main.css'>

    <!-- bootstrap css link -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ" crossorigin="anonymous">

    <!-- font awsome link -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css" integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46ZmdtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />

</head>

<body>

    <div class="container-fluid my-3">

        <h2 class="text-center pt-3">New User Registration</h2>

        <div class="row d-flex align-items-center justify-content-center">

            <div class="col-lg-12 col-xl-6">

                <form action="" method="post" enctype="multipart/form-data">

                    <div class="form-outline mb-4">

                        <label for="user\_username" class="form-label">Username</label>

                        <input type="text" id="user\_username" name="user\_username" class="form-control" placeholder="Enter your username" autocomplete="off" required>

                    </div>

                    <div class="form-outline mb-4">

                        <label for="user\_email" class="form-label">Email</label>

                        <input type="email" id="user\_email" name="user\_email" class="form-control" placeholder="Enter your Email" autocomplete="off" required>

                    </div>

                    <div class="form-outline mb-4">

                        <label for="user\_image" class="form-label">User Image</label>

                        <input type="file" id="user\_image" name="user\_image" class="form-control" autocomplete="off" required>

                    </div>

                    <div class="form-outline mb-4">

                        <label for="user\_password" class="form-label">Password</label>

                        <input type="password" id="user\_password" name="user\_password" class="form-control" placeholder="Enter your password" autocomplete="off" required>

                    </div>

                    <div class="form-outline mb-4">

                        <label for="conf\_user\_password" class="form-label">Confirm Password</label>

                        <input type="password" id="conf\_user\_password" name="conf\_user\_password" class="form-control" placeholder="Confirm password" autocomplete="off" required>

                    </div>

                    <div class="form-outline mb-4">

                        <label for="user\_address" class="form-label">Address</label>

                        <input type="text" id="user\_address" name="user\_address" class="form-control" placeholder="Enter your Address" autocomplete="off" required>

                    </div>

                    <div class="form-outline mb-4">

                        <label for="user\_contact" class="form-label">Contact</label>

                        <input type="text" id="user\_contact" name="user\_contact" class="form-control" placeholder="Enter your Mobile number" autocomplete="off" required>

                    </div>

                    <div class="text-center mt-4 pt-2">

                        <input type="submit" value="Register" name="user\_register" class="bg-info py-2 px-3 border-0">

                        <p class="small fw-bold mt-2 pt-1 mb-0">Already have an account?<a href="user\_login.php" class="text-danger">Login</a></p>

                    </div>

                </form>

            </div>

        </div>

    </div>

</body>

</html>

<?php

if (isset($\_POST['user\_register'])) {

    $user\_username = $\_POST['user\_username'];

    $user\_email = $\_POST['user\_email'];

    $user\_password = $\_POST['user\_password'];

    $hash\_password = password\_hash($user\_password, PASSWORD\_DEFAULT);

    $conf\_user\_password = $\_POST['conf\_user\_password'];

    $user\_address = $\_POST['user\_address'];

    $user\_contact = $\_POST['user\_contact'];

    $user\_image = $\_FILES['user\_image']['name'];

    $user\_image\_tmp = $\_FILES['user\_image']['tmp\_name'];

    $user\_ip = getIPAddress();

    $select\_query = "select \* from `user\_table` where username = '$user\_username' or user\_email='$user\_email' or user\_mobile='$user\_contact'";

    $result = mysqli\_query($con, $select\_query);

    $row\_count = mysqli\_num\_rows($result);

    if ($row\_count > 1) {

        echo "<script>alert('Username,Email and Mobile number already present')</script>";

    } elseif ($user\_password != $conf\_user\_password) {

        echo "<script>alert('Password do not match')</script>";

    } else {

        move\_uploaded\_file($user\_image\_tmp, "./user\_images/$user\_image");

        // echo 'User Real IP Address - '.$ip;

$insert\_query = "insert into ` user\_table ` ( username, user\_email,user\_password, user\_image, user\_ip, user\_address ,user\_mobile ) values ('$user\_username','$user\_email', '$hash\_password','$user\_image','$user\_ip','$user\_address','$user\_contact')";

   $sql\_execute = mysqli\_query($con, $insert\_query);

        if (isset($sql\_execute)) {

            echo "<script>alert('Registration succesfully')</script>";

        }

    }

    //Selecting cart items

    $select\_cart\_items = "select \* from `cart\_details` where ip\_address='$user\_ip'";

    $result\_cart = mysqli\_query($con, $select\_cart\_items);

    $row\_count = mysqli\_num\_rows($result\_cart);

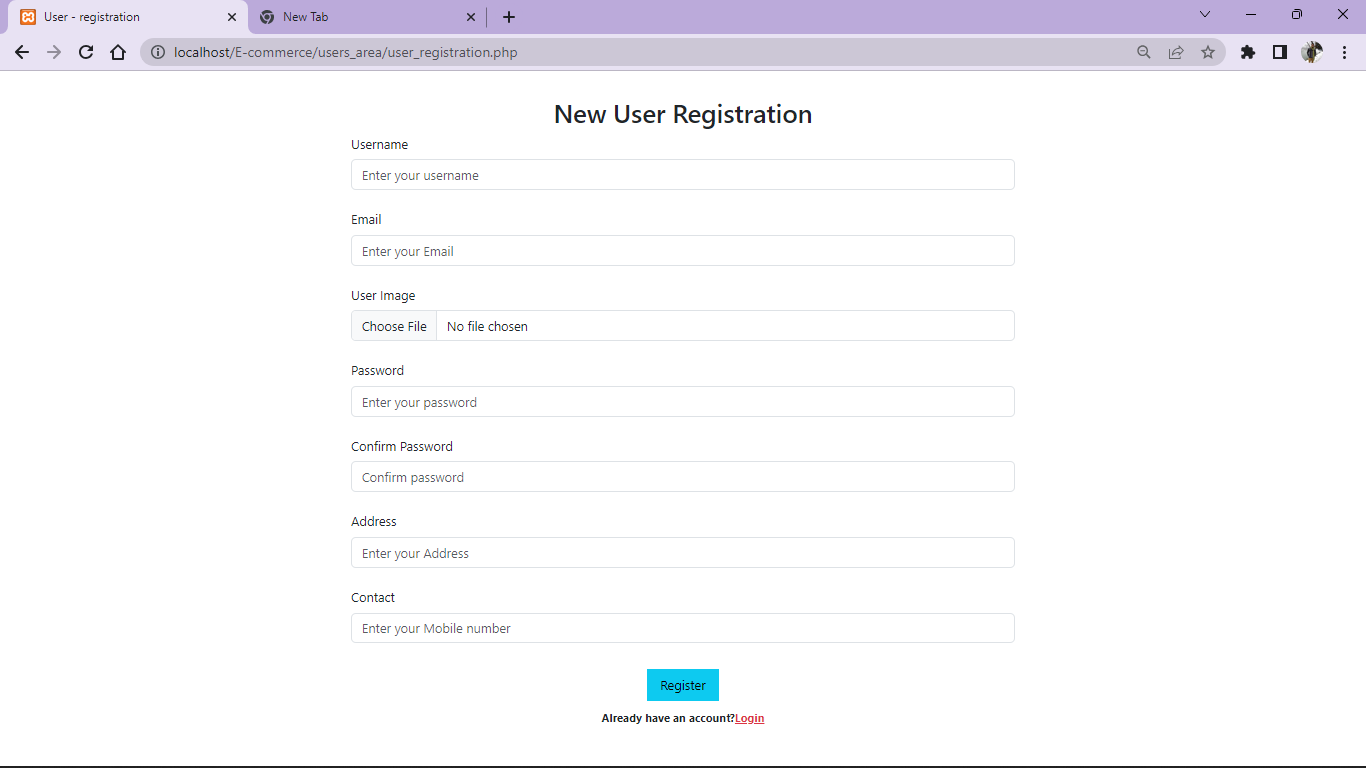
    if($row\_count>0){

        $\_SESSION['username']=$user\_username;

        echo "<script>alert('You have items in you cart.')</script>";

        echo "<script>window.open('checkout.php','\_self')</script>";

    }else{

        echo "<script>window.open('../index.php','\_self')</script>";

    }

}

?>

LOGIN PAGE:

In [computer security](https://en.wikipedia.org/wiki/Computer_security), logging in (or logging on or signing in or signing on) is the process by which an individual gains [access](https://en.wikipedia.org/wiki/Access_control) to a [computersystem](https://en.wikipedia.org/wiki/Computer_system" \o "Computer system) by [identifying](https://en.wikipedia.org/wiki/Proof_of_identity) and [authenticating](https://en.wikipedia.org/wiki/Authentication)themselves. The [user](https://en.wikipedia.org/wiki/User_(computing))[credentials](https://en.wikipedia.org/wiki/Credential)are typically some form of "email" and a matching "password", and these credentials themselves are sometimes referred to as **a login**,

**Login fields are:**

Username: eg:

Password: eg:

CODE:-

<?php

include('../includes/connect.php');

include('../functions/common\_function.php');

@session\_start();

?>

<!DOCTYPE html>

<html>

<head>

    <meta charset='utf-8'>

    <meta http-equiv='X-UA-Compatible' content='IE=edge'>

    <title>User - Login</title>

    <meta name='viewport' content='width=device-width, initial-scale=1'>

    <link rel='stylesheet' type='text/css' media='screen' href='main.css'>

    <!-- bootstrap css link -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ" crossorigin="anonymous">

    <!-- font awsome link -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css" integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46ZmdtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />

    <style>

        body {

            overflow-x: hidden;

        }

    </style>

    <!-- <link rel="stylesheet" href=".css"> -->

</head>

<body>

    <div class="container-fluid my-3">

        <h2 class="text-center">User Login</h2>

        <div class="row d-flex align-items-center justify-content-center mt-5">

            <div class="col-lg-12 col-xl-6">

                <form action="" method="post">

                    <div class="form-outline mb-4">

                        <label for="user\_username" class="form-label">Username</label>

                        <input type="text" id="user\_username" name="user\_username" class="form-control" placeholder="Enter your username" autocomplete="off" required>

                    </div>

                    <div class="form-outline mb-4">

                        <label for="user\_password" class="form-label">Password</label>

                        <input type="password" id="user\_password" name="user\_password" class="form-control" placeholder="Enter your password" autocomplete="off" required>

                    </div>

                    <div class="mt-4 pt-2">

                        <input type="submit" value="Login" name="user\_login" class="bg-info py-2 px-3 border-0">

                        <p class="small fw-bold mt-2 pt-1 mb-0">Don't have an account?<a href="user\_registration.php" class="text-danger">Register</a></p>

                    </div>

                </form>

            </div>

        </div>

    </div>

</body>

</html>

<?php

if (isset($\_POST['user\_login'])) {

    include('../includes/connect.php');

    $user\_name = $\_POST['user\_username'];

    $user\_password = $\_POST['user\_password'];

    $select\_query = "select \* from `user\_table` where username='$user\_name'";

    $result = mysqli\_query($con, $select\_query);

    $row\_count = mysqli\_num\_rows($result);

    $row\_data = mysqli\_fetch\_assoc($result);

    $user\_ip = getIPAddress();

    // cart item

    $select\_query\_cart = "select \* from `cart\_details` where ip\_address='$user\_ip'";

    $select\_cart = mysqli\_query($con, $select\_query\_cart);

    $row\_count\_cart = mysqli\_num\_rows($select\_cart);

    // echo "<script>alert($row\_count)</script>";

    if ($row\_count > 0) {

        if (password\_verify($user\_password, $row\_data['user\_password'])) {

            // echo "<script>alert('Login successfully')</script>";

            if ($row\_count == 1 and $row\_count\_cart == 0) {

                $\_SESSION['username']=$user\_name;

                echo "<script>alert('Login successfully')</script>";

                echo "<script>window.open('profile.php','\_self')</script>";

            } else {

                $\_SESSION['username']=$user\_name;

                echo "<script>alert('Login successfully')</script>";

                echo "<script>window.open('payment.php','\_self')</script>";

            }

        } else {

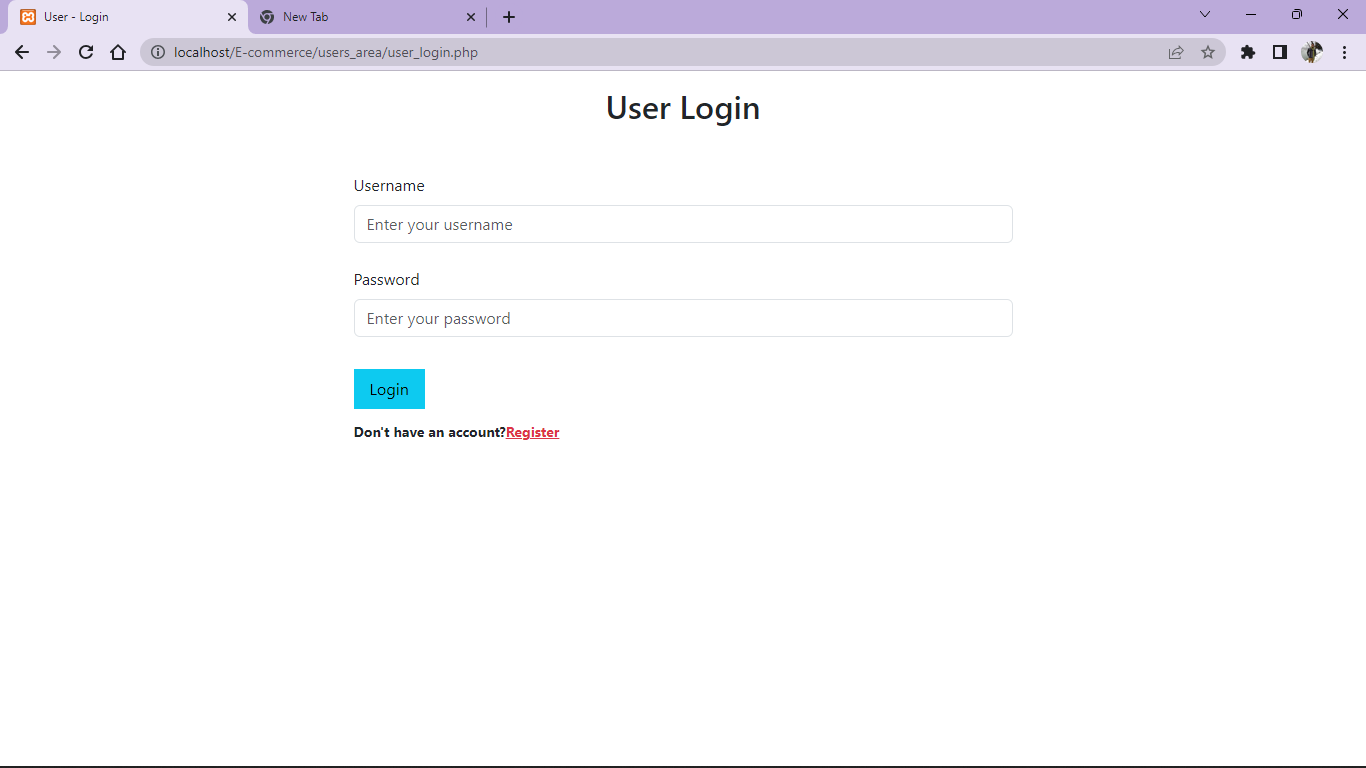
            echo "<script>alert('Invalid Credentials')</script>";

        }

    } else {

        echo "<script>alert('Invalid Credentials')</script>";

    }

}

?>

**Profile: -**

<?php

include('../includes/connect.php');

include('../functions/common\_function.php');

session\_start();

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>E-Commerce --User profile</title>

    <!-- bootstrap css link -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ" crossorigin="anonymous">

    <!-- font awsome link -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css" integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46ZmdtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />

    <!-- css file -->

    <link rel="stylesheet" href="../styles.css">

    <style>

        .profile\_img {

            width: 90%;

            height: 90%;

            margin: auto;

            display: block;

            object-fit: contain;

        }

        .edit\_image{

            width: 100px;

            height: 100px;

            object-fit: contain;

        }

    </style>

</head>

<body>

    <!-- navbar -->

    <div class="container-fluid p-0">

        <nav class="navbar navbar-expand-lg navebar-light bg-info">

            <div class="container-fluid">

                <img src="../img/Logo.jpg" class="logo">

                <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="true" aria-label="Toggle navigation">

                    <span class="navbar-toggler-icon"></span>

                </button>

                <div class="collapse navbar-collapse" id="navbarSupportedContent">

                    <ul class="navbar-nav me-auto mb-2 mb-lg-0">

                        <li class="nav-item">

                            <a class="nav-link active" aria-current="page" href="../index.php">Home</a>

                        </li>

                        <li class="nav-item">

                            <a class="nav-link" href="../display\_all.php">Product</a>

                        </li>

                        <li class="nav-item">

                            <a class="nav-link" href="profile.php">My Account</a>

                        </li>

                        <li class="nav-item">

                            <a class="nav-link" href="#">Contact</a>

                        </li>

                        <li class="nav-item">

                            <a class="nav-link" href="../cart.php"><i class="fa-solid fa-cart-shopping"></i><sup>

                                    <?php cart\_item(); ?>

                                </sup></a>

                        </li>

                        <li class="nav-item">

                            <a class="nav-link" href="#">Total Prize:

                                <?php total\_cart\_price() ?> /-

                            </a>

                            <a href=""></a>

                        </li>

                    </ul>

                    <form class="d-flex" action="../search\_product.php" method="get">

                        <input class="form-control me-2" type="search" placeholder="Search" aria-label="Search" name="search\_data">

                        <input type="submit" value="Search" class="btn btn-outline-light" name="search\_data\_product">

                    </form>

                </div>

        </nav>

        <!-- calling card function -->

        <?php

        cart();

        ?>

        <!-- second child -->

        <nav class="navbar navbar-expand-lg navebar-dark bg-secondary">

            <ul class="navbar-nav me-auto">

                <!-- <li class="nav-item">

                    <a class="nav-link" href="#">Welcome Guest</a>

                </li> -->

                <?php

                if (!isset($\_SESSION['username'])) {

                    echo "<li class='nav-item'>

    <a class='nav-link' href='#'>Welcome Guest</a>

</li>";

                } else {

                    echo "<li class='nav-item'>

    <a class='nav-link' href='#'>Welcome " . $\_SESSION['username'] . "</a>

</li>";

                }

                if (!isset($\_SESSION['username'])) {

                    echo "<li class='nav-item'>

    <a class='nav-link' href='./users\_area/user\_login.php'>Login</a>

</li>";

                } else {

                    echo "<li class='nav-item'>

    <a class='nav-link' href='logout.php'>Logout</a>

</li>";

                }

                ?>

            </ul>

        </nav>

        <!-- Third child -->

        <div class="bg-light">

            <h3 class="text-center">All cloth store</h3>

            <p class="text-center">Communication is at the heart of e-commerce and community</p>

        </div>

        <!-- Fourth child -->

        <div class="row">

            <div class="col-md-2">

                <ul class="navbar-nav bg-secondary text-center" style="height:100vh">

                    <li class="nav-item bg-info">

                        <a class="nav-link text-light" href="#">

                            <h4>Your Profile</h4>

                        </a>

                    </li>

                    <?php

                        $user\_name=$\_SESSION['username'];

                        $user\_img="select \* from `user\_table` where username = '$user\_name'";

                        $result\_image= mysqli\_query($con,$user\_img);

                        $row\_image=mysqli\_fetch\_array($result\_image);

                        $user\_image=$row\_image['user\_image'];

                        echo "<li class='nav-item'>

                        <img src='./user\_images/$user\_image' class='profile\_img my-4'>

                    </li>";

                    ?>

                    <li class="nav-item ">

                        <a class="nav-link text-light" href="profile.php?profile">

                            Pending order

                        </a>

                    </li>

                    <li class="nav-item ">

                        <a class="nav-link text-light" href="profile.php?edit\_acount">

                            Edit Account

                        </a>

                    </li>

                    <li class="nav-item ">

                        <a class="nav-link text-light" href="profile.php?my\_order">

                            My order

                        </a>

                    </li>

                    <li class="nav-item ">

                        <a class="nav-link text-light" href="profile.php?delete\_account">

                            Delete Account

                        </a>

                    </li>

                    <li class="nav-item ">

                        <a class="nav-link text-light" href="logout.php">

                        Logout

                        </a>

                    </li>

                </ul>

            </div>

            <div class="text-center col-md-10">

                <?php

                get\_user\_order();

                if(isset($\_GET['edit\_acount'])){

                    include('edit\_account.php');

                }

                if(isset($\_GET['my\_order'])){

                    include('my\_order.php');

                }

                if(isset($\_GET['delete\_account'])){

                    include('delete\_account.php');

                }

                ?>

            </div>

        </div>

        <!-- last child -->

        <?php include("../includes/footer.php") ?>

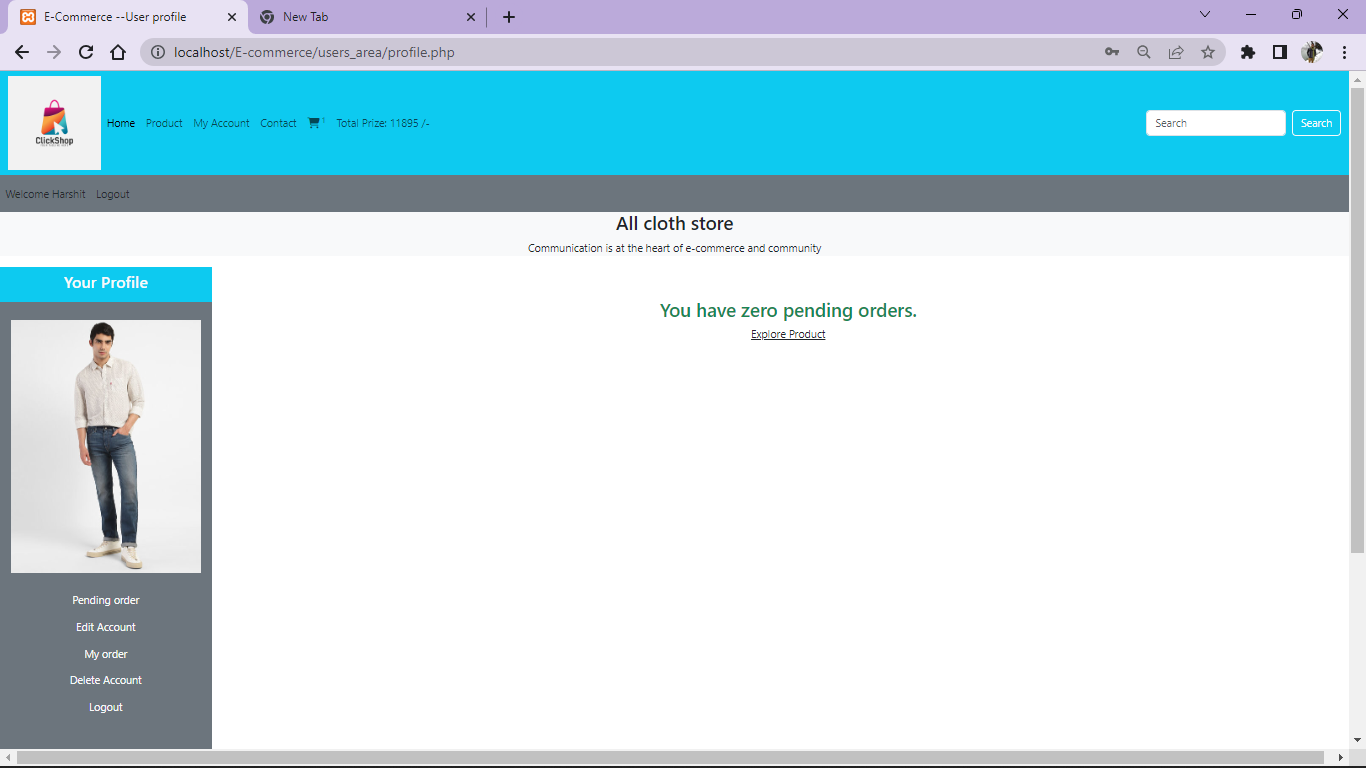
    </div>

    <!-- bootstrap js link -->

    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.7/dist/umd/popper.min.js" integrity="sha384-zYPOMqeu1DAVkHiLqWBUTcbYfZ8osu1Nd6Z89ify25QV9guujx43ITvfi12/QExE" crossorigin="anonymous"></script>

</body>

</html>

****

**Cart: -**

<?php

include('includes/connect.php');

include('functions/common\_function.php');

session\_start();

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>E-Commerce-cart details</title>

    <!-- bootstrap css link -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css" rel="stylesheet"

        integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ" crossorigin="anonymous">

    <!-- font awsome link -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"

        integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46ZmdtAc9eNBvH0H/ZpiBw=="

        crossorigin="anonymous" referrerpolicy="no-referrer" />

    <!-- css file -->

    <link rel="stylesheet" href="styles.css">

    <style>

        .cart\_img {

            width: 90px;

            height: 90px;

            object-fit: contain;

        }

    </style>

</head>

<body>

    <!-- navbar -->

    <div class="container-fluid p-0">

        <nav class="navbar navbar-expand-lg navebar-light bg-info">

            <div class="container-fluid">

                <img src="./img/Logo.jpg" class="logo">

                <button class="navbar-toggler" type="button" data-bs-toggle="collapse"

                    data-bs-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="true"

                    aria-label="Toggle navigation">

                    <span class="navbar-toggler-icon"></span>

                </button>

                <div class="collapse navbar-collapse" id="navbarSupportedContent">

                    <ul class="navbar-nav me-auto mb-2 mb-lg-0">

                        <li class="nav-item">

                            <a class="nav-link active" aria-current="page" href="index.php">Home</a>

                        </li>

                        <li class="nav-item">

                            <a class="nav-link" href="display\_all.php">Product</a>

                        </li>

                        <li class="nav-item">

                            <a class="nav-link" href="./users\_area/user\_registration.php">Register</a>

                        </li>

                        <li class="nav-item">

                            <a class="nav-link" href="#">Contact</a>

                        </li>

                        <li class="nav-item">

                            <a class="nav-link" href="cart.php"><i class="fa-solid fa-cart-shopping"></i><sup>

                                    <?php cart\_item(); ?>

                                </sup></a>

                        </li>

                    </ul>

                </div>

        </nav>

        <!-- calling card function -->

        <?php

        cart();

        ?>

        <!-- second child -->

        <nav class="navbar navbar-expand-lg navebar-dark bg-secondary">

            <ul class="navbar-nav me-auto">

                <?php

if (!isset($\_SESSION['username'])) {

    echo "<li class='nav-item'>

    <a class='nav-link' href='#'>Welcome Guest</a>

</li>";

} else {

    echo "<li class='nav-item'>

    <a class='nav-link' href='#'>Welcome ".$\_SESSION['username']."</a>

</li>"; }

                if (!isset($\_SESSION['username'])) {

                    echo "<li class='nav-item'>

    <a class='nav-link' href='./users\_area/user\_login.php'>Login</a>

</li>";

                } else {

                    echo "<li class='nav-item'>

    <a class='nav-link' href='./users\_area/logout.php'>Logout</a>

</li>"; }

                ?>

            </ul>

        </nav>

        <!-- Third child -->

        <div class="bg-light">

            <h3 class="text-center">All cloth store</h3>

            <p class="text-center">Communication is at the heart of e-commerce and community</p>

        </div>

        <!-- Fourth child -->

        <div class="container">

            <div class="row">

                <form action="" method="post">

                    <table class="table table-bordered text-center">

                        <!-- php code to display dynamic data -->

                        <?php

                        global $con;

                        $ip = getIPAddress();

                        $total = 0;

                        $cart\_query = "select \* from `cart\_details` where ip\_address='$ip'";

                        $result = mysqli\_query($con, $cart\_query);

                        $result\_count = mysqli\_num\_rows($result);

                        if ($result\_count > 0) {

                            echo "<thead>

                            <tr>

                                <th>Product Title</th>

                                <th>Product Image</th>

                                <th>Quantity</th>

                                <th>Total Price</th>

                                <th>Remove</th>

                                <th colspan='2'>Operations</th>

                            </tr>

                        </thead>

                        <tbody>";

                            while ($row = mysqli\_fetch\_array($result)) {

                                $product\_id = $row['product\_id'];

                                $select\_product = "select \* from `product` where product\_id='$product\_id'";

                                $result\_product = mysqli\_query($con, $select\_product);

                                while ($row\_product\_price = mysqli\_fetch\_array($result\_product)) {

                                    $product\_price = array($row\_product\_price['product\_price']);

                                    $price\_table = $row\_product\_price['product\_price'];

                                    $product\_title = $row\_product\_price['product\_title'];

                                    $product\_image = $row\_product\_price['product\_image1'];

                                    $product\_values = array\_sum($product\_price);

                                    $total += $product\_values;

                                    ?>

                                    <tr>

                                        <td>

                                            <?php echo $product\_title ?>

                                        </td>

                                        <td><img src="./admin\_area/product\_images/<?php echo $product\_image ?>" alt=""

                                                class="cart\_img"></td>

                                        <td><input type="text" class="form-input w-50" name="qty"></td>

                                        <?php

                                        global $con;

                                        $ip = getIPAddress();

                                        if (isset($\_POST['update\_cart'])) {

                                            $quantity = $\_POST['qty'];

                                            $update\_cart = "update `cart\_details` set quantity=$quantity where ip\_address='$ip'";

                                            $result\_products = mysqli\_query($con, $update\_cart);

                                            $total = $total \* $quantity;   }

                                        ?>

                                        <td>

                                            <?php echo $price\_table ?>/-

                                        </td>

                                        <td><input type="checkbox" name="remove\_item[]" value="<?php echo $product\_id ?>" id="">

                                        </td>

                                        <td>

                          <!-- <button class="bg-info px-3 py-2 mx-3 ">Update</button> -->

                           <input type="submit" value="Update Cart" class="bg-info px-3 py-2 mx-3"

                                   name="update\_cart">

<input type="submit" value="Remove" class="bg-info px-3 py-2 mx-3" name="remove\_cart">

                                        </td>

                                    </tr>

                                    <?php

                                }

                            }

                        } else {

                            echo "<h2 class='text-center text-danger'>Cart is empty</h2>";

                        }

                        ?>

                        </tbody>

                    </table>

                    <!-- subtotal -->

                    <div class='d-flex mb-5'>

                        <?php

                        global $con;

                        $ip = getIPAddress();

                        // $total = 0;

                        $cart\_query = "select \* from `cart\_details` where ip\_address='$ip'";

                        $result = mysqli\_query($con, $cart\_query);

                        $result\_count = mysqli\_num\_rows($result);

                        if ($result\_count > 0) {

                            echo "

                    <h4 class='px-3'>Subtotal: <strong class='text-info'> $total/-</strong> </h4>

                    <input type='submit' value='Continue Shopping' class='bg-info px-3 py-2 mx-3' name='continue\_shopping'>

                    <button class='bg-secondary px-3 py-2 '><a href='./users\_area/checkout.php' class='text-light text-decoration-none'>Checkout</a></button>";

                        } else {

                            echo "<input type='submit' value='Continue Shopping' class='bg-info px-3 py-2 mx-3' name='continue\_shopping'>";

                        }

                        if(isset($\_POST['continue\_shopping'])){

                            echo "<script>window.open('index.php','\_self')</script>";

                        }

                        ?>

                    </div>

            </div>

        </div>

        </form>

        <!-- fnction to remove item -->

        <?php

        function remove\_cart\_item()

        {

            global $con;

            if (isset($\_POST['remove\_cart'])) {

                foreach ($\_POST['remove\_item'] as $remove\_id) {

                    echo $remove\_id;

                    $delete\_query = "delete from `cart\_details` where product\_id=$remove\_id";

                    $run\_delete = mysqli\_query($con, $delete\_query);

                    if ($run\_delete) {

                        echo "<script>window.open('cart.php','\_self')</script>";

                    }

                }

            }

        }

        echo remove\_cart\_item();

        ?>

        <!-- last child -->

        <?php include("./includes/footer.php") ?>

    </div>

    <!-- bootstrap js link -->

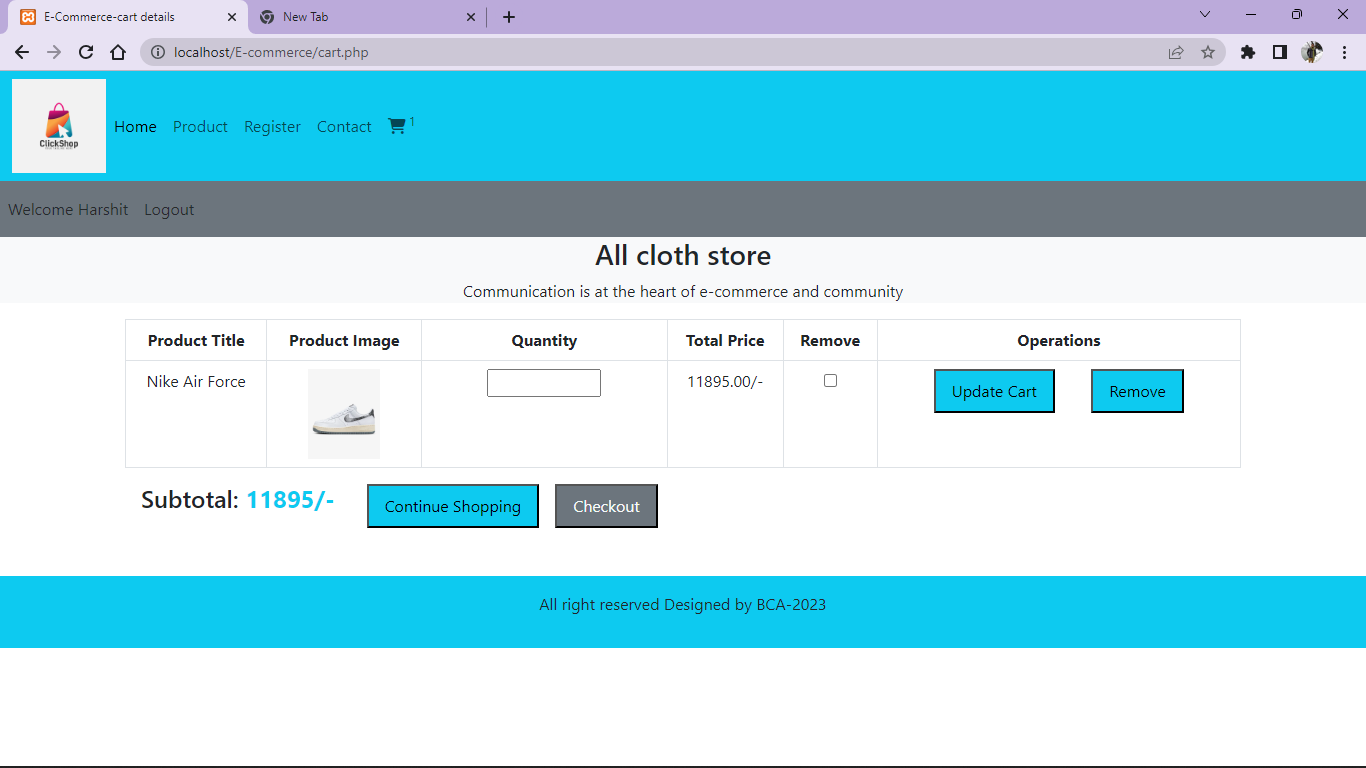
    <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.7/dist/umd/popper.min.js"

        integrity="sha384-zYPOMqeu1DAVkHiLqWBUTcbYfZ8osu1Nd6Z89ify25QV9guujx43ITvfi12/QExE"

        crossorigin="anonymous"></script>

</body>

</html>



**Payment:-**

<?php

include('../includes/connect.php');

include('../functions/common\_function.php');

?>

<!DOCTYPE html>

<html>

<head>

    <meta charset='utf-8'>

    <meta http-equiv='X-UA-Compatible' content='IE=edge'>

    <title>Payment page</title>

    <meta name='viewport' content='width=device-width, initial-scale=1'>

    <!-- bootstrap css link -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ" crossorigin="anonymous">

    <!-- font awsome link -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css" integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46ZmdtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />

    <style>

        img{

            width: 90%;

            margin:auto;

            display: block;

        }

    </style>

</head>

<body>

    <!-- php code to access user id -->

        <?php

            $user\_ip=getIPAddress();

            $get\_user="select \* from `user\_table` where user\_ip='$user\_ip'";

            $result = mysqli\_query($con,$get\_user);

            $run\_query=mysqli\_fetch\_array($result);

            $user\_id=$run\_query['user\_id'];

        ?>

    <div class="container">

        <h2 class="text-center text-info">Payment Options</h2>

        <div class="row d-flex justify-content-center align-items-center my-5">

            <div class="col-md-6">

            <a href="https://www.paypal.com" target="\_blank"><img src="../img/upi-image-2-800x430.jpg" alt=""></a>

            </div>

            <div class="col-md-6">

            <a href="order.php?user\_id=<?php echo $user\_id ?>"><h2 class="text-center"> Pay Offline</h2></a>

            </div>

        </div>

    </div>

</body>

</html>

**Admin Area**

**Insert Product Page: -**

<?php

include('../includes/connect.php');

if (isset($\_POST['insert\_product'])) {

    // $product\_id=$\_POST['product\_id'];

    $product\_title = $\_POST['product\_title'];

    $description = $\_POST['description'];

    $product\_keywords = $\_POST['product\_keywords'];

    $product\_categories = $\_POST['product\_categories'];

    $product\_brands = $\_POST['product\_brands'];

    $product\_price = $\_POST['product\_price'];

    $product\_status = 'true';

    // accessing images

    $product\_image1 = $\_FILES['product\_image1']['name'];

    $product\_image2 = $\_FILES['product\_image2']['name'];

    $product\_image3 = $\_FILES['product\_image3']['name'];

    //accessing image temp name

    $temp\_image1 = $\_FILES['product\_image1']['tmp\_name'];

    $temp\_image2 = $\_FILES['product\_image2']['tmp\_name'];

    $temp\_image3 = $\_FILES['product\_image3']['tmp\_name'];

    //checking empty condition

    if (

        $product\_title == '' or $description == '' or $product\_keywords == '' or $product\_categories == '' or $product\_brands == '' or $product\_price == '' or $product\_image1 == '' or $product\_image2 == '' or $product\_image3 == ''

    ) {

        echo "<script>alert('Please fill all the available fields')</script>";

        exit();

    } else {

        move\_uploaded\_file($temp\_image1, "./product\_images/$product\_image1");

        move\_uploaded\_file($temp\_image2, "./product\_images/$product\_image2");

        move\_uploaded\_file($temp\_image3, "./product\_images/$product\_image3");

        // insert query

        $insert\_products = "insert into `product` (product\_title,product\_description,product\_keywords,Category\_id,Brands\_id,product\_image1,product\_image2,product\_image3,product\_price,date,status) values ('$product\_title','$description','$product\_keywords','$product\_categories','$product\_brands','$product\_image1','$product\_image2','$product\_image3','$product\_price', NOW() ,'$product\_status')";

        $result\_query = mysqli\_query($con, $insert\_products);

        if ($result\_query) {

            echo "<script>alert ('Successfully insert the product')</script>";

        }

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Inset Products-Admin Dashboard</title>

    <!-- bootstrap css link -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-KK94CHFLLe+nY2dmCWGMq91rCGa5gtU4mk92HdvYe+M/SXH301p5ILy+dN9+nJOZ" crossorigin="anonymous">

    <!-- font awsome link -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css" integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46ZmdtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />

    <!-- css file -->

    <link rel="stylesheet" href="../styles.css">

</head>

<body class="bg-light">

    <div class="container mt-3">

        <h1 class="text-center">Insert Product</h1>

    </div>

    <!-- Form -->

    <form action="" method="post" enctype="multipart/form-data">

        <!-- title -->

        <div class="form-outline mb-4 w-50 m-auto">

            <label for="product\_title" class="form-label">Product Title</label>

            <input type="text" name="product\_title" id="product\_title" class="form-control" placeholder="Enter Product Title" autocomplete="off" required>

        </div>

        <!-- description -->

        <div class="form-outline mb-4 w-50 m-auto">

            <label for="description" class="form-label">Product description</label>

            <input type="text" name="description" id="description" class="form-control" placeholder="Enter Product description" autocomplete="off" required>

        </div>

        <!-- key word -->

        <div class="form-outline mb-4 w-50 m-auto">

            <label for="product\_keywords" class="form-label">Product Keywords</label>

            <input type="text" name="product\_keywords" id="product\_keywords" class="form-control" placeholder="Enter Product Keywords" autocomplete="off" required>

        </div>

        <!-- Categories -->

        <div class="form-outline mb-4 w-50 m-auto">

            <select name="product\_categories" id="" class="form-select">

                <option value="">Select a category</option>

                <?php

                $select\_categorys = "select \* from `categories`";

                $result\_categorys = mysqli\_query($con, $select\_categorys);

                while ($row\_data = mysqli\_fetch\_assoc($result\_categorys)) {

                    $category\_title = $row\_data['Category\_title'];

                    $category\_id = $row\_data['Category\_id'];

                    echo "<option value='$category\_id'>$category\_title</a></option>";

                }

                ?>

            </select>

        </div>

        <!-- brand -->

        <div class="form-outline mb-4 w-50 m-auto">

            <select name="product\_brands" id="" class="form-select">

                <option value="">Select a brand</option>

                <?php

                $select\_brands = "select \* from `brands`";

                $result\_brands = mysqli\_query($con, $select\_brands);

                while ($row\_data = mysqli\_fetch\_assoc($result\_brands)) {

                    $brand\_title = $row\_data['Brands\_title'];

                    $brand\_id = $row\_data['Brands\_id'];

                    echo "<option value='$brand\_id'>$brand\_title</a></option>";

                }

                ?>

            </select>

        </div>

        <!-- image 1 -->

        <div class="form-outline mb-4 w-50 m-auto">

            <label for="product\_image1" class="form-label">Product Image 1</label>

            <input type="file" name="product\_image1" id="product\_image1" class="form-control" required>

        </div>

        <!-- image 2 -->

        <div class="form-outline mb-4 w-50 m-auto">

            <label for="product\_image2" class="form-label">Product Image 2</label>

            <input type="file" name="product\_image2" id="product\_image2" class="form-control" required>

        </div>

        <!-- image 3 -->

        <div class="form-outline mb-4 w-50 m-auto">

            <label for="product\_image3" class="form-label">Product Image 3</label>

            <input type="file" name="product\_image3" id="product\_image3" class="form-control" required>

        </div>

        <!-- Price -->

        <div class="form-outline mb-4 w-50 m-auto">

            <label for="product\_price" class="form-label">Product Price</label>

            <input type="text" name="product\_price" id="product\_price" class="form-control" placeholder="Enter Product Price" autocomplete="off">

        </div>

        <!-- key word -->

        <div class="form-outline mb-4 w-50 m-auto">

            <input type="submit" name="insert\_product" class="btn btn-info mb-3 px-3" value="Insert Product">

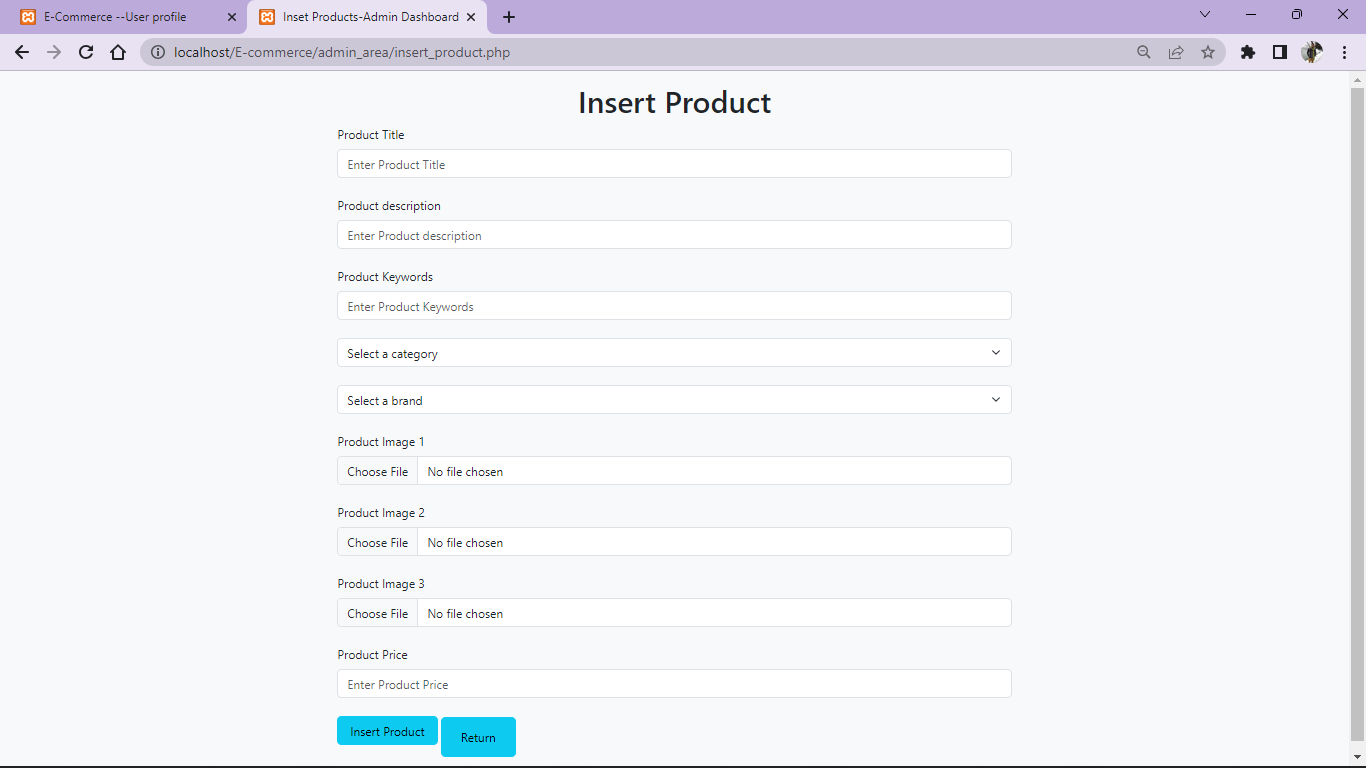
            <button class="btn btn-info"><a href="index.php" class="btn btn-info">Return</a></button>

        </div>

    </form>

</body>

</html>



**View Product:-**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <style>

        .product\_image{

            width: 10%;

            height: 10%;

            object-fit: contain; }

    </style>

</head>

<body>

    <h2 class="text-center text-success">All product</h2>

    <table class="table table-bordered mt-5 text-center">

        <thead class="bg-info">

            <tr>

                <th>Product ID</th>

                <th>Product Title</th>

                <th>Product Image</th>

                <th>Product Price</th>

                <th>Total sold</th>

                <th>Status</th>

                <th>Edit</th>

                <th>Delete</th>

            </tr>

        </thead>

        <tbody class="bg-secondary text-light">

            <?php

            $get\_product="select \* from `product`";

            $result=mysqli\_query($con,$get\_product);

            while($row\_data=mysqli\_fetch\_assoc($result)){

                $product\_id=$row\_data['product\_id'];

                $product\_title=$row\_data['product\_title'];

                $product\_image=$row\_data['product\_image1'];

                $product\_price=$row\_data['product\_price'];

                $status=$row\_data['status'];

                ?>

                <tr>

                <td><?php echo $product\_id; ?></td>

                <td><?php echo $product\_title; ?></td>

                <td><img src='./product\_images/<?php echo $product\_image; ?>'  class='product\_image'></td>

                <td><?php echo $product\_price; ?>/-</td>

                <td><?php

                $get\_count="select \* from `order\_pending` where product\_id=$product\_id";

                $result\_count=mysqli\_query($con,$get\_count);

                $row\_count=mysqli\_num\_rows($result\_count);

                echo $row\_count;

                ?></td>

                <td><?php echo $status ;?></td>

                <td><a href='index.php?edit\_product=<?php echo $product\_id; ?>' class='text-light'><i class='fa-solid fa-pen-to-square'></i></a></td>

                <td><a href='index.php?delete\_product=<?php echo $product\_id; ?>' class='text-light'><i class='fa-solid fa-trash'></i></a></td>

            </tr>

            <?php

            }

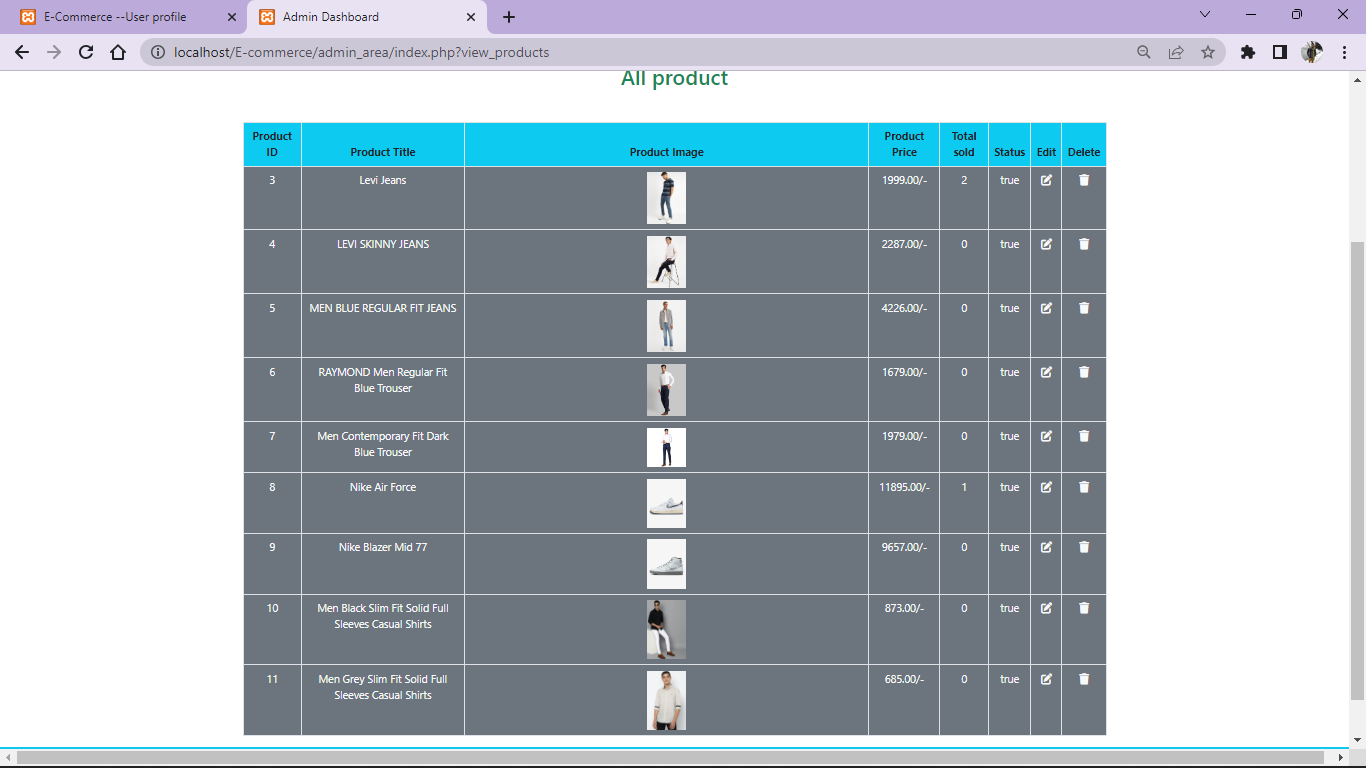
            ?>

        </tbody>

    </table>

</body>

</html>



**Edit Product:-**

<?php

if (isset($\_GET['edit\_product'])) {

    $edit\_id=$\_GET['edit\_product'];

    $select\_query = "select \* from `product` where product\_id='$edit\_id'";

    $result\_query = mysqli\_query($con, $select\_query);

    $row\_fetch = mysqli\_fetch\_assoc($result\_query);

    $product\_title = $row\_fetch['product\_title'];

    $product\_description = $row\_fetch['product\_description'];

    $product\_keywords = $row\_fetch['product\_keywords'];

    $product\_price = $row\_fetch['product\_price'];

    $Category\_id = $row\_fetch['Category\_id'];

    $Brands\_id = $row\_fetch['Brands\_id'];

    $product\_image1 = $row\_fetch['product\_image1'];

    $product\_image2 = $row\_fetch['product\_image2'];

    $product\_image3 = $row\_fetch['product\_image3'];

    $select\_categories="select \* from `categories` where Category\_id='$Category\_id'";

    $result\_categories = mysqli\_query($con, $select\_categories);

    $row\_category = mysqli\_fetch\_assoc($result\_categories);

    $Category\_title=$row\_category['Category\_title'];

    $select\_brands="select \* from `brands` where Brands\_id='$Brands\_id'";

    $result\_brands = mysqli\_query($con, $select\_brands);

    $row\_brands = mysqli\_fetch\_assoc($result\_brands);

    $Brands\_title=$row\_brands['Brands\_title'];

    if (isset($\_POST['update\_product'])) {

        $update\_id = $user\_id;

        $product\_title = $\_POST['product\_title'];

        $product\_description = $\_POST['product\_description'];

        $product\_keywords = $\_POST['product\_keywords'];

        $product\_price = $\_POST['product\_price'];

        $Category\_id=$\_POST['product\_categories'];

        $Brand\_id=$\_POST['product\_brands'];

        $product\_image1 = $\_FILES['product\_image1']['name'];

        $product\_image1\_temp = $\_FILES['product\_image1']['tmp\_name'];

        $product\_image2 = $\_FILES['product\_image2']['name'];

        $product\_image2\_temp = $\_FILES['product\_image2']['tmp\_name'];

        $product\_image3 = $\_FILES['product\_image3']['name'];

        $product\_image3\_temp = $\_FILES['product\_image3']['tmp\_name'];

        move\_uploaded\_file($product\_image1\_temp, "./product\_images/$product\_image1");

        move\_uploaded\_file($product\_image2\_temp, "./product\_images/$product\_image2");

        move\_uploaded\_file($product\_image3\_temp, "./product\_images/$product\_image3");

        //update data

        $update\_data = "update `product` set product\_title='$product\_title',product\_description='$product\_description',product\_keywords='$product\_keywords',Category\_id='$Category\_id',Brands\_id='$Brand\_id',product\_image1='$product\_image1',product\_image2='$product\_image2',product\_image3='$product\_image3',date=NOW(),product\_price='$product\_price' where product\_id=$edit\_id";

        $update\_query = mysqli\_query($con, $update\_data);

        if ($update\_query) {

            echo "<script>alert('Update successfully')</script>";

            echo "<script>window.open('index.php','\_self')</script>";

        }

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Edit</title>

    <style>

        .product\_image{

            width: 10%;

            height: 10%;

            object-fit: contain;

        }

    </style>

</head>

<body>

    <div class="container mt-5">

    <h1 class="text-center">Edit Product</h1>

    <form action="" method="post" enctype="multipart/form-data">

        <div class="form-outline w-50 m-auto m-4">

            <label for="product\_title" class="form-label">Product Title</label>

            <input type="text" name="product\_title" id="product\_title" class="form-control" value="<?php echo $product\_title; ?>" required>

        </div>

        <div class="form-outline w-50 m-auto mb-4">

            <label for="product\_description" class="form-label">Product Description</label>

            <input type="text" name="product\_description" id="product\_description" class="form-control" value="<?php echo $product\_description; ?>" required>

        </div>

        <div class="form-outline w-50 m-auto mb-4">

            <label for="product\_keywords" class="form-label">Product Keywords</label>

            <input type="text" name="product\_keywords" id="product\_keywords" class="form-control" value="<?php echo $product\_keywords; ?>" required>

        </div>

        <div class="form-outline w-50 m-auto mb-4">

        <label for="product\_categories" class="form-label">Product Categories</label>

            <select name="product\_categories" class="form-select">

                <option value="<?php echo $Category\_id; ?>"><?php echo $Category\_title; ?></option>

                <?php

                $select\_categories\_all="select \* from `categories`";

                $result\_categories\_all = mysqli\_query($con, $select\_categories\_all);

                while($row\_category\_all = mysqli\_fetch\_assoc($result\_categories\_all)){

                    $category\_title=$row\_category\_all['Category\_title'];

                    $category\_id=$row\_category\_all['Category\_id'];

                    echo "<option value='$category\_id'>$category\_title</option>";

                };

                ?>

            </select>

        </div>

        <div class="form-outline w-50 m-auto mb-4">

        <label for="product\_brands" class="form-label">Product Brands</label>

            <select name="product\_brands" class="form-select">

            <option value="<?php echo $Brands\_id; ?>"><?php echo $Brands\_title; ?></option>

                <?php

                $select\_brand\_all="select \* from `brands`";

                $result\_brand\_all = mysqli\_query($con, $select\_brand\_all);

                while($row\_brand\_all = mysqli\_fetch\_assoc($result\_brand\_all)){

                    $brand\_title=$row\_brand\_all['Brands\_title'];

                    $brand\_id=$row\_brand\_all['Brands\_id'];

                    echo "<option value='$brand\_id'>$brand\_title</option>";

                };

                ?>

            </select>

        </div>

        <div class="form-outline w-50 m-auto mb-4">

            <label for="product\_image1" class="form-label">Product Image1</label>

            <div class="d-flex">

            <input type="File" name="product\_image1" id="product\_image1" class="form-control" required>

            <img src="./product\_images/<?php echo $product\_image1; ?>" alt="" class="product\_image">

            </div>

        </div>

        <div class="form-outline w-50 m-auto mb-4">

            <label for="product\_image2" class="form-label">Product Image2</label>

            <div class="d-flex">

            <input type="File" name="product\_image2" id="product\_image2" class="form-control" required>

            <img src="./product\_images/<?php echo $product\_image2; ?>" alt="" class="product\_image">

            </div>

        </div>

        <div class="form-outline w-50 m-auto mb-4">

            <label for="product\_image3" class="form-label">Product Image3</label>

            <div class="d-flex">

            <input type="File" name="product\_image3" id="product\_image3" class="form-control" required>

            <img src="./product\_images/<?php echo $product\_image3; ?>" alt="" class="product\_image">

            </div>

        </div>

        <div class="form-outline w-50 m-auto mb-4">

            <label for="product\_price" class="form-label">Product Price</label>

            <input type="text" name="product\_price" id="product\_price" class="form-control" value="<?php echo $product\_price; ?>" required>

        </div>

        <div class="text-center w-50 m-auto">

            <input type="submit" name="update\_product" value="Update Product" class="btn btn-info px-3 mb-4">

        </div>

    </form>

    </div>

</body>

</html>

**Delete Product:-**

<?php

if (isset($\_GET['delete\_product'])) {

    $delete\_id=$\_GET['delete\_product'];

    $delete\_query="delete from `product` where product\_id='$delete\_id'";

    $delete\_result=mysqli\_query($con,$delete\_query);

    if($delete\_result){

        echo "<script>alert('Product deleted successfully')</script>";

        echo "<script>window.open('index.php','\_self')</script>";

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Delete product</title>

</head>

<body>

</body>

</html>

**Insert Categories:-**

<?php

include("../includes/connect.php");

if(isset($\_POST['insert\_cat'])){

    $category\_title=$\_POST['cat\_title'];

    //select data from data base

    $select\_query="select \* from `categories` where Category\_title='$category\_title'";

    $result\_select=mysqli\_query($con,$select\_query);

    $numver=mysqli\_num\_rows($result\_select);

    if($numver>0){

        echo "<script>alert('This Categories already present in the database')</script>";

    }else{

        $insert\_query="insert into `categories` (Category\_title) values ('$category\_title')";

        $result=mysqli\_query($con,$insert\_query);

        if($result){

            echo "<script>alert('Category has been inserted successfully')</script>";

        }

    }

}

?>

<h2 class="text-center">Insert Categories</h2>

<form action="" method="post" class="mb-2">

    <div class="input-group w-90 mb-2">

        <span class="input-group-text bg-info" id="basic-addon1"><i class="fa-solid fa-receipt"></i></span>

        <input type="text" class="form-control" name="cat\_title" placeholder="Insert Catagories" aria-label="Cartegories"

            aria-describedby="basic-addon1">

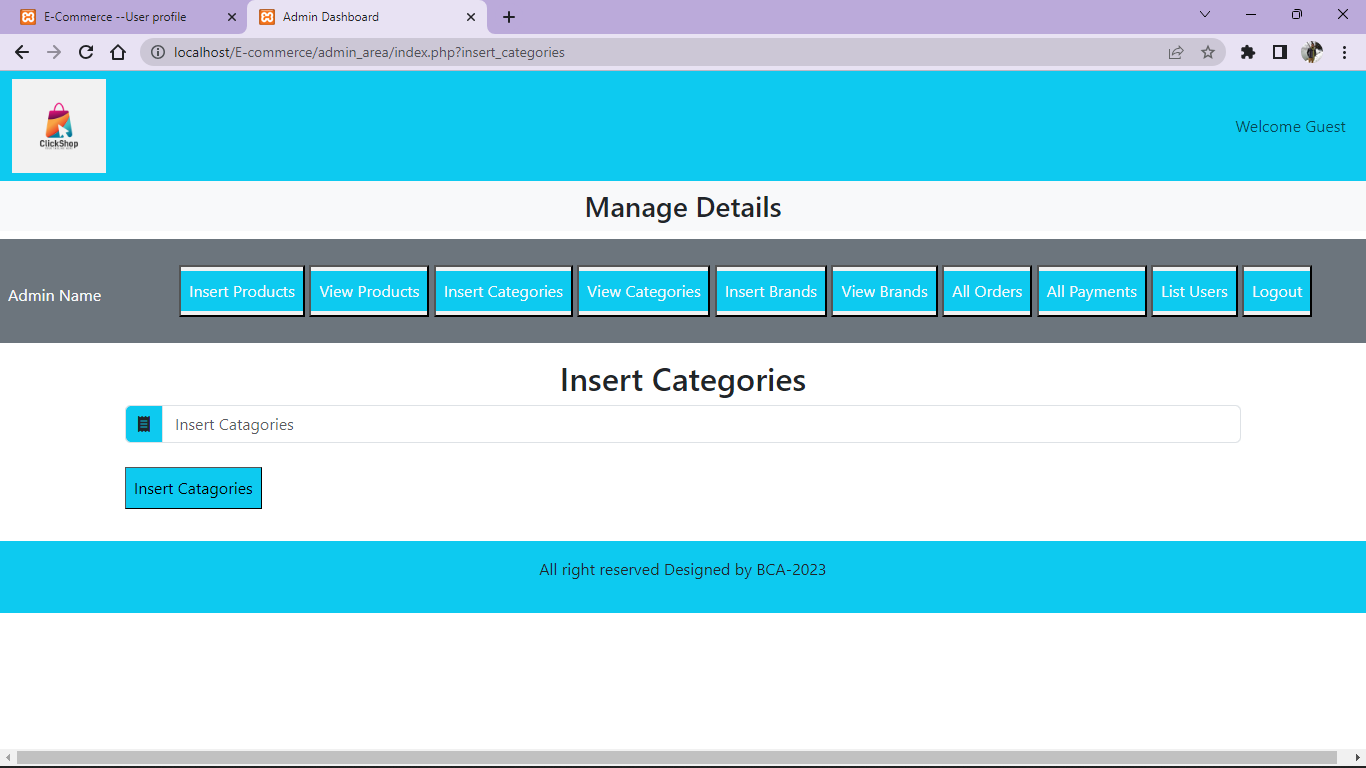
    </div>

    <div class="input-group w-10 mb-2 m-auto">

        <input type="submit" class="bg-info border-1 p-2 my-3" name="insert\_cat" value="Insert Catagories">

    </div>

</form>



**View Categories:-**

<h3 class="text-center text-success">All Categories</h3>

<table class="table table-bordered mt-5">

    <thead class="bg-info text-center">

        <tr>

            <th>SI no</th>

            <th>Category Title</th>

            <th>Edit</th>

            <th>Delete</th>

        </tr>

    </thead>

    <tbody class="bg-secondary text-light text-center">

        <tr>

            <?php

            $get\_categories = "select \* from `categories`";

            $result = mysqli\_query($con, $get\_categories);

            $number=0;

            while ($row\_data = mysqli\_fetch\_assoc($result)) {

                $category\_id = $row\_data['Category\_id'];

                $category\_title = $row\_data['Category\_title'];

                $number++;

            ?>

        <tr>

            <td><?php echo $number; ?></td>

            <td><?php echo $category\_title; ?></td>

            <td><a href='index.php?edit\_category=<?php echo $category\_id; ?>' class='text-light'><i class='fa-solid fa-pen-to-square'></i></a></td>

            <td><a href='index.php?delete\_category=<?php echo $category\_id; ?>' type="button" class="text-light" data-toggle="modal" data-target="#exampleModal"><i class='fa-solid fa-trash'></i></a></td>

        </tr>

    <?php

            }

    ?>

    </tbody>

</table>

<!-- Modal -->

<div class="modal fade" id="exampleModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">

  <div class="modal-dialog" role="document">

    <div class="modal-content">

      <div class="modal-body">

       <h4>Are you sure you want to delete this?</h4>

      </div>

      <div class="modal-footer">

        <button type="button" class="btn btn-secondary" data-dismiss="modal"><a href="index.php?view\_categories" class="text-light text-decoration-none">No</a></button>

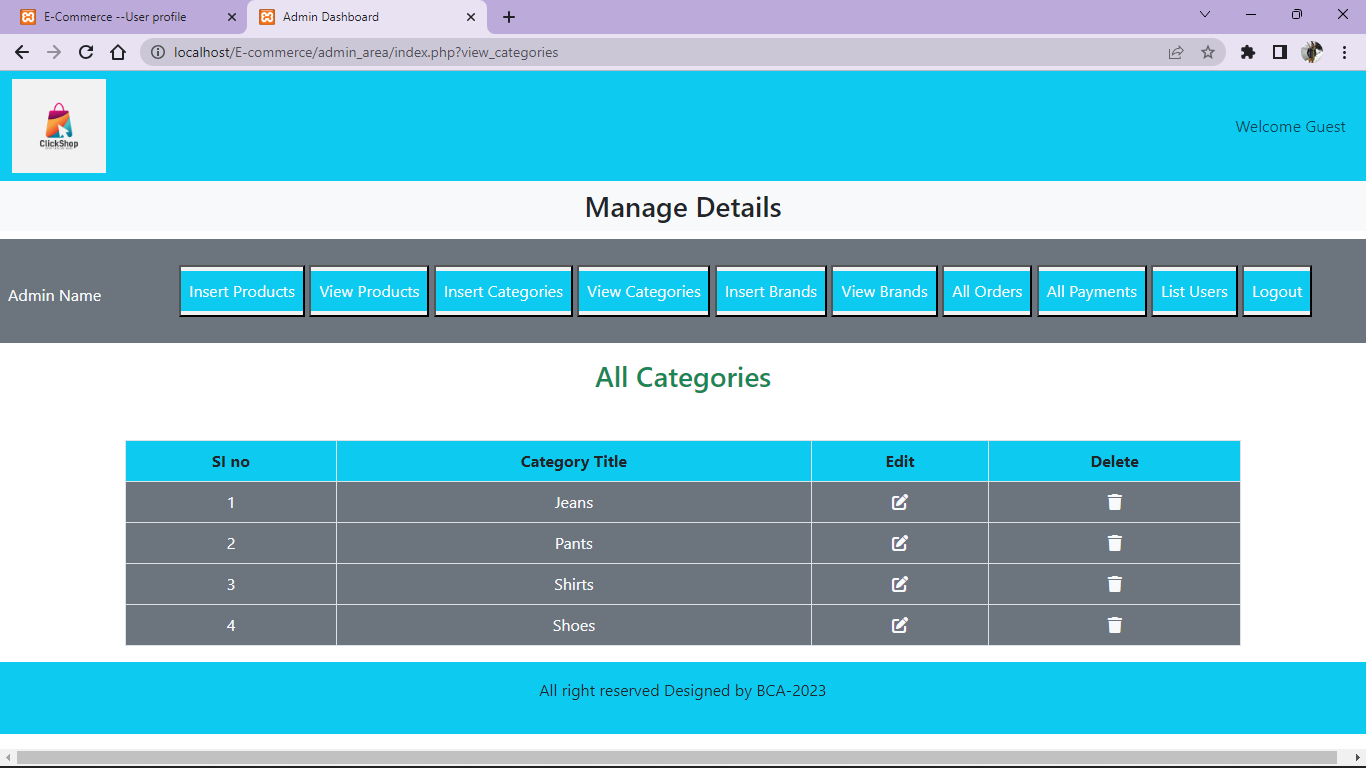
        <button type="button" class="btn btn-primary"><a href='index.php?delete\_category=<?php echo $category\_id; ?>' class="text-light text-decoration-none">Yes</a></button>

      </div>

    </div>

  </div>

</div>



**Edit Categories:-**

<?php

if (isset($\_GET['edit\_category'])) {

    $edit\_id=$\_GET['edit\_category'];

    $select\_query = "select \* from `categories` where Category\_id='$edit\_id'";

    $result\_query = mysqli\_query($con, $select\_query);

    $row\_fetch = mysqli\_fetch\_assoc($result\_query);

    $category\_title = $row\_fetch['Category\_title'];

    if (isset($\_POST['update\_Category'])) {

        $category\_title = $\_POST['category\_title'];

        echo $category\_title;

        //update data

        $update\_data = "update `categories` set Category\_title='$category\_title' where Category\_id=$edit\_id";

        $update\_query = mysqli\_query($con, $update\_data);

        if ($update\_query) {

            echo "<script>alert('Update successfully')</script>";

            echo "<script>window.open('index.php','\_self')</script>";

        }

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Edit</title>

    <style>

        .product\_image{

            width: 10%;

            height: 10%;

            object-fit: contain;

        }

    </style>

</head>

<body>

    <div class="container mt-5">

    <h1 class="text-center">Edit Category</h1>

    <form action="" method="post" enctype="multipart/form-data">

        <div class="form-outline w-50 m-auto m-4 text-center">

            <label for="category\_title" class="form-label">Category Title</label>

            <input type="text" name="category\_title" id="category\_title" class="form-control" value="<?php echo $category\_title; ?>" required>

        </div>

        <div class="text-center w-50 m-auto mt-2">

            <input type="submit" name="update\_Category" value="Update Category" class="btn btn-info px-3 mb-4">

        </div>

    </form>

    </div>

</body>

</html>

**Delete Categories: -**

<?php

if (isset($\_GET['delete\_category'])) {

    $delete\_id=$\_GET['delete\_category'];

    $delete\_query="delete from `categories` where Category\_id='$delete\_id'";

    $delete\_result=mysqli\_query($con,$delete\_query);

    if($delete\_result){

        echo "<script>alert('Category deleted successfully')</script>";

        echo "<script>window.open('index.php?view\_categories','\_self')</script>";

    }

}

?>

**Insert Brand: -**

<?php

include("../includes/connect.php");

if(isset($\_POST['insert\_brand'])){

    $brand\_title=$\_POST['brand\_title'];

    //select data from data base

    $select\_query="select \* from `brands` where Brands\_title='$brand\_title'";

    $result\_select=mysqli\_query($con,$select\_query);

    $numver=mysqli\_num\_rows($result\_select);

    if($numver>0){

        echo "<script>alert('This Brands already present in the database')</script>";

    }else{

        $insert\_query="insert into `brands` (Brands\_title) values ('$brand\_title')";

        $result=mysqli\_query($con,$insert\_query);

        if($result){

            echo "<script>alert('Brand has been inserted successfully')</script>";

        }

    }

}

?>

<h2 class="text-center">Insert Brands</h2>

<form action="" method="post" class="mb-2">

    <div class="input-group w-90 mb-2">

        <span class="input-group-text bg-info" id="basic-addon1"><i class="fa-solid fa-receipt"></i></span>

        <input type="text" class="form-control" name="brand\_title" placeholder="Insert Brands" aria-label="Brands"

            aria-describedby="basic-addon1">

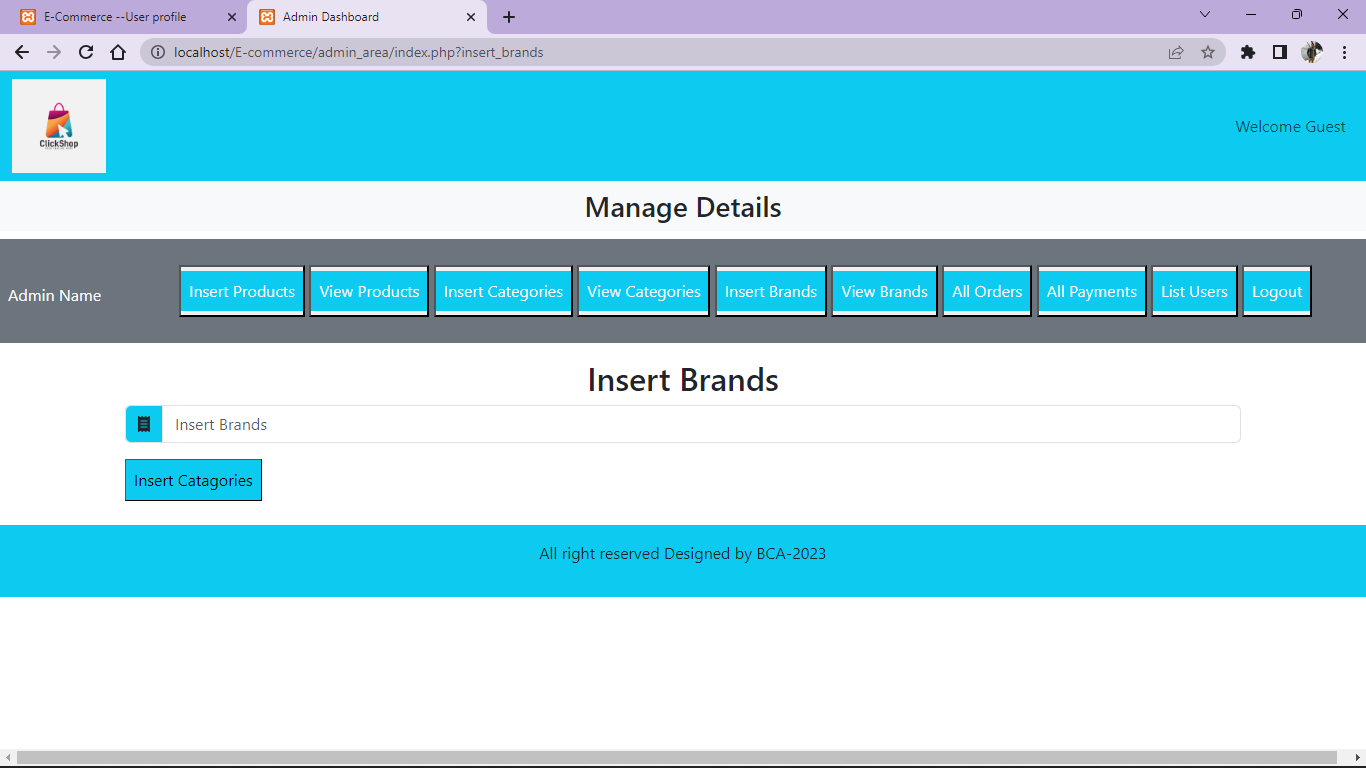
    </div>

    <div class="input-group w-10 mb-2 m-auto">

        <input type="submit" class="bg-info border-1 p-2 my-2 " name="insert\_brand" value="Insert Catagories">

    </div>

</form>



**View Brand: -**

<h3 class="text-center text-success">All Brands</h3>

<table class="table table-bordered mt-5">

    <thead class="bg-info text-center">

        <tr>

            <th>SI no</th>

            <th>Brand Title</th>

            <th>Edit</th>

            <th>Delete</th>

        </tr>

    </thead>

    <tbody class="bg-secondary text-light text-center">

        <tr>

            <?php

            $get\_brand = "select \* from `brands`";

            $result = mysqli\_query($con, $get\_brand);

            $number=0;

            while ($row\_data = mysqli\_fetch\_assoc($result)) {

                $Brands\_id = $row\_data['Brands\_id'];

                $Brands\_title = $row\_data['Brands\_title'];

                $number++;

            ?>

        <tr>

            <td><?php echo $number;?></td>

            <td><?php echo $Brands\_title; ?></td>

            <td><a href='index.php?edit\_brand=<?php echo $Brands\_id; ?>' class='text-light'><i class='fa-solid fa-pen-to-square'></i></a></td>

            <td><a href='index.php?delete\_brand=<?php echo $Brands\_id; ?>' type="button" class="text-light" data-toggle="modal" data-target="#exampleModal"><i class='fa-solid fa-trash'></i></a></td>

        </tr>

    <?php

            }

    ?>

    </tbody>

</table>

<!-- Modal -->

<div class="modal fade" id="exampleModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">

  <div class="modal-dialog" role="document">

    <div class="modal-content">

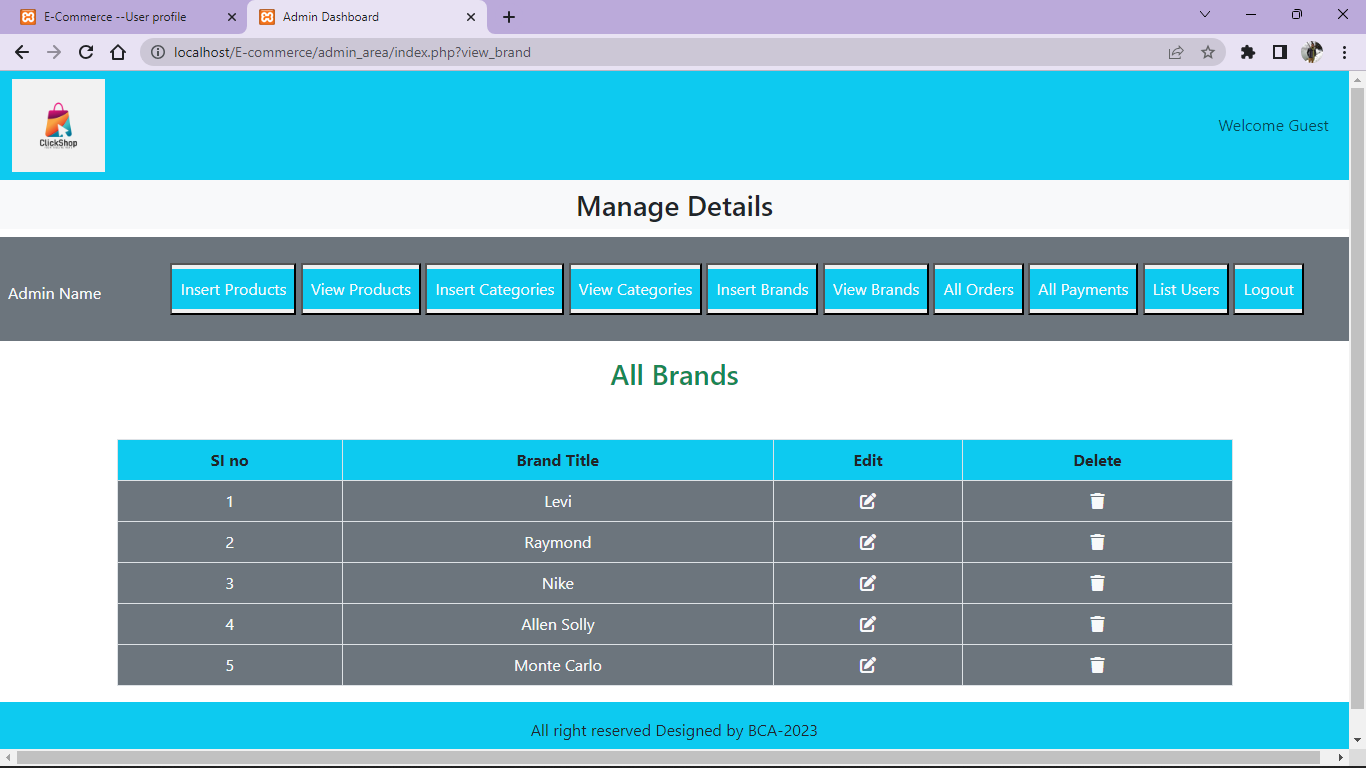
      <div class="modal-body">

       <h4>Are you sure you want to delete this?</h4>

      </div>

      <div class="modal-footer">

        <button type="button" class="btn btn-secondary" data-dismiss="modal"><a href="./index.php?view\_brand" class="text-light text-decoration-none">No</a></button>

        <button type="button" class="btn btn-primary"><a href='index.php?delete\_brand=<?php echo $Brands\_id; ?>' class="text-light text-decoration-none">Yes</a></button></div>

</div>

</div>

</div>

**Edit Brand: -**

<?php

if (isset($\_GET['edit\_brand'])) {

    $edit\_id=$\_GET['edit\_brand'];

    $select\_query = "select \* from `brands` where Brands\_id='$edit\_id'";

    $result\_query = mysqli\_query($con, $select\_query);

    $row\_fetch = mysqli\_fetch\_assoc($result\_query);

    $brand\_title = $row\_fetch['Brands\_title'];

    if (isset($\_POST['update\_brand'])) {

        $brand\_title = $\_POST['brand\_title'];

        // echo $category\_title;

        //update data

        $update\_data = "update `brands` set Brands\_title='$brand\_title' where Brands\_id=$edit\_id";

        $update\_query = mysqli\_query($con, $update\_data);

        if ($update\_query) {

            echo "<script>alert('Update successfully')</script>";

            echo "<script>window.open('index.php','\_self')</script>";

        }

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Edit</title>

    <style>

        .product\_image{

            width: 10%;

            height: 10%;

            object-fit: contain;

        }

    </style>

</head>

<body>

    <div class="container mt-5">

    <h1 class="text-center">Edit Brand</h1>

    <form action="" method="post" enctype="multipart/form-data">

        <div class="form-outline w-50 m-auto m-4 text-center">

            <label for="brand\_title" class="form-label">Category Title</label>

            <input type="text" name="brand\_title" id="brand\_title" class="form-control" value="<?php echo $brand\_title; ?>" required>

        </div>

        <div class="text-center w-50 m-auto mt-2">

            <input type="submit" name="update\_brand" value="Update Brand" class="btn btn-info px-3 mb-4">

        </div>

    </form>

    </div>

</body>

</html>

**Delete Brand: -**

<?php

if (isset($\_GET['delete\_brand'])) {

    $delete\_id=$\_GET['delete\_brand'];

    $delete\_query="delete from `brands` where Brands\_id='$delete\_id'";

    $delete\_result=mysqli\_query($con,$delete\_query);

    if($delete\_result){

        echo "<script>alert('Brand deleted successfully')</script>";

        echo "<script>window.open('index.php?view\_brand','\_self')</script>";

    }

}

?>

**Common Function uses: -**

<?php

// include('./includes/connect.php');

// getting products

function getproducts()

{

    global $con;

    // condition to check isset or not

    if (!isset($\_GET['Category'])) {

        if (!isset($\_GET['brand'])) {

            $select\_query = "Select \* from `product` order by rand() LIMIT 0,9";

            $result\_query = mysqli\_query($con, $select\_query);

            // $row=mysqli\_fetch\_assoc($result\_query);

            while ($row = mysqli\_fetch\_assoc($result\_query)) {

                $product\_id = $row['product\_id'];

                $product\_title = $row['product\_title'];

                $product\_description = $row['product\_description'];

                // $product\_keyword=$row['product\_keywords'];

                $product\_image = $row['product\_image1'];

                $product\_price = $row['product\_price'];

                $bategory\_id = $row['Category\_id'];

                $brand\_id = $row['Brands\_id'];

                // echo $product\_id;

                echo "<div class='col-md-4 mb-2'>

            <div class='card'>

                <img src='./admin\_area/product\_images/$product\_image' class='card-img-top' alt='$product\_title'>

                <div class='card-body'>

                    <h5 class='card-title'>$product\_title</h5>

                    <p class='card-text'>$product\_description</p>

                    <p class='card-text'>Price: $product\_price/-</p>

                    <a href='index.php?add\_to\_cart=$product\_id' class='btn btn-info'>Add to cart</a>

                    <a href='product\_detail.php?product\_id=$product\_id' class='btn btn-secondary'>View More</a>

                </div>

            </div>

        </div>";

            }

        }

    }

}

// getting all product

function get\_all\_products()

{

    global $con;

    // condition to check isset or not

    if (!isset($\_GET['Category'])) {

        if (!isset($\_GET['brand'])) {

            $select\_query = "Select \* from `product` order by rand() LIMIT 0,9";

            $result\_query = mysqli\_query($con, $select\_query);

            // $row=mysqli\_fetch\_assoc($result\_query);

            while ($row = mysqli\_fetch\_assoc($result\_query)) {

                $product\_id = $row['product\_id'];

                $product\_title = $row['product\_title'];

                $product\_description = $row['product\_description'];

                // $product\_keyword=$row['product\_keywords'];

                $product\_image = $row['product\_image1'];

                $product\_price = $row['product\_price'];

                $bategory\_id = $row['Category\_id'];

                $brand\_id = $row['Brands\_id'];

                // echo $product\_id;

                echo "<div class='col-md-4 mb-2'>

            <div class='card'>

                <img src='./admin\_area/product\_images/$product\_image' class='card-img-top' alt='...'>

                <div class='card-body'>

                    <h5 class='card-title'>$product\_title</h5>

                    <p class='card-text'>$product\_description</p>

                    <p class='card-text'>Price: $product\_price/-</p>

                    <a href='index.php?add\_to\_cart=$product\_id' class='btn btn-info'>Add to cart</a>

                    <a href='product\_detail.php?product\_id=$product\_id' class='btn btn-secondary'>View More</a>

                </div>

            </div>

        </div>";

            }

        }

    }

}

// getting unique categories

function get\_unique\_category()

{

    global $con;

    if (isset($\_GET['Category'])) {

        $category\_id = $\_GET['Category'];

        $select\_query = "Select \* from `product` where Category\_id = $category\_id";

        $result\_query = mysqli\_query($con, $select\_query);

        $num\_rows = mysqli\_num\_rows($result\_query);

        if ($num\_rows == 0) {

            echo "<h2 class='text-center text-danger'>No stock is avalible for this category</h2>";

        }

        while ($row = mysqli\_fetch\_assoc($result\_query)) {

            $product\_id = $row['product\_id'];

            $product\_title = $row['product\_title'];

            $product\_description = $row['product\_description'];

            // $product\_keyword=$row['product\_keywords'];

            $product\_image = $row['product\_image1'];

            $product\_price = $row['product\_price'];

            $bategory\_id = $row['Category\_id'];

            $brand\_id = $row['Brands\_id'];

            // echo $product\_id;

            echo "<div class='col-md-4 mb-2'>

            <div class='card'>

                <img src='./admin\_area/product\_images/$product\_image' class='card-img-top' alt='...'>

                <div class='card-body'>

                    <h5 class='card-title'>$product\_title</h5>

                    <p class='card-text'>$product\_description</p>

                    <p class='card-text'>Price: $product\_price/-</p>

                    <a href='index.php?add\_to\_cart=$product\_id' class='btn btn-info'>Add to cart</a>

                    <a href='product\_detail.php?product\_id=$product\_id' class='btn btn-secondary'>View More</a>

                </div>

            </div>

        </div>";

        }

    }

}

// getting unique Brands

function get\_unique\_brand()

{

    global $con;

    if (isset($\_GET['brand'])) {

        $brand\_id = $\_GET['brand'];

        $select\_query = "Select \* from `product` where Brands\_id = $brand\_id";

        $result\_query = mysqli\_query($con, $select\_query);

        $num\_rows = mysqli\_num\_rows($result\_query);

        if ($num\_rows == 0) {

            echo "<h2 class='text-center text-danger'>No stock is avalible for this brand</h2>";

        }

        while ($row = mysqli\_fetch\_assoc($result\_query)) {

            $product\_id = $row['product\_id'];

            $product\_title = $row['product\_title'];

            $product\_description = $row['product\_description'];

            // $product\_keyword=$row['product\_keywords'];

            $product\_image = $row['product\_image1'];

            $product\_price = $row['product\_price'];

            $bategory\_id = $row['Category\_id'];

            $brand\_id = $row['Brands\_id'];

            // echo $product\_id;

            echo "<div class='col-md-4 mb-2'>

            <div class='card'>

                <img src='./admin\_area/product\_images/$product\_image' class='card-img-top' alt='...'>

                <div class='card-body'>

                    <h5 class='card-title'>$product\_title</h5>

                    <p class='card-text'>$product\_description</p>

                    <p class='card-text'>Price: $product\_price/-</p>

                    <a href='index.php?add\_to\_cart=$product\_id' class='btn btn-info'>Add to cart</a>

                    <a href='product\_detail.php?product\_id=$product\_id' class='btn btn-secondary'>View More</a>

                </div>

            </div>

        </div>";

        } } }

function getbrands()

{

    global $con;

    $select\_brands = "select \* from `brands`";

    $result\_brands = mysqli\_query($con, $select\_brands);

    // $row\_data=mysqli\_fetch\_assoc($result\_brands);

    // echo $row\_data['Brands\_title'];

    while ($row\_data = mysqli\_fetch\_assoc($result\_brands)) {

        $brand\_title = $row\_data['Brands\_title'];

        $brand\_id = $row\_data['Brands\_id'];

        echo "<li class='nav-item'>

                        <a href='index.php?brand=$brand\_id' class='nav-link text-light'>$brand\_title</a>

                    </li>";

    }

}

function getcategorys()

{

    global $con;

    $select\_categorys = "select \* from `categories`";

    $result\_categorys = mysqli\_query($con, $select\_categorys);

    // $row\_data=mysqli\_fetch\_assoc($result\_brands);

    // echo $row\_data['Brands\_title'];

    while ($row\_data = mysqli\_fetch\_assoc($result\_categorys)) {

        $category\_title = $row\_data['Category\_title'];

        $category\_id = $row\_data['Category\_id'];

        echo "<li class='nav-item'>

                        <a href='index.php?Category=$category\_id' class='nav-link text-light'>$category\_title</a>

                    </li>"; } }

// searching product function

function search\_product()

{

    global $con;

    if (isset($\_GET['search\_data\_product'])) {

        $search\_data\_value = $\_GET['search\_data'];

        $search\_query = "Select \* from `product` where product\_keywords like '%$search\_data\_value%'";

        $result\_query = mysqli\_query($con, $search\_query);

        $num\_rows = mysqli\_num\_rows($result\_query);

        if ($num\_rows == 0) {

            echo "<h2 class='text-center text-danger'>No results match. No products found on this category!</h2>";

        }

        // $row=mysqli\_fetch\_assoc($result\_query);

        while ($row = mysqli\_fetch\_assoc($result\_query)) {

            $product\_id = $row['product\_id'];

            $product\_title = $row['product\_title'];

            $product\_description = $row['product\_description'];

            // $product\_keyword=$row['product\_keywords'];

            $product\_image = $row['product\_image1'];

            $product\_price = $row['product\_price'];

            $bategory\_id = $row['Category\_id'];

            $brand\_id = $row['Brands\_id'];

            // echo $product\_id;

            echo "<div class='col-md-4 mb-2'>

            <div class='card'>

                <img src='./admin\_area/product\_images/$product\_image' class='card-img-top' alt='...'>

                <div class='card-body'>

                    <h5 class='card-title'>$product\_title</h5>

                    <p class='card-text'>$product\_description</p>

                    <p class='card-text'>Price: $product\_price/-</p>

                    <a href='index.php?add\_to\_cart=$product\_id' class='btn btn-info'>Add to cart</a>

                    <a href='product\_detail.php?product\_id=$product\_id' class='btn btn-secondary'>View More</a>

                </div>

            </div>

        </div>";

        }

    }

}

// VIEW DETAILS FUNCTION

function views\_details()

{

    global $con;

    // condition to check isset or not

    if (isset($\_GET['product\_id'])) {

        if (!isset($\_GET['Category'])) {

            if (!isset($\_GET['brand'])) {

                $product\_id = $\_GET['product\_id'];

                $select\_query = "Select \* from `product` where product\_id=$product\_id";

                $result\_query = mysqli\_query($con, $select\_query);

                // $row=mysqli\_fetch\_assoc($result\_query);

                while ($row = mysqli\_fetch\_assoc($result\_query)) {

                    $product\_id = $row['product\_id'];

                    $product\_title = $row['product\_title'];

                    $product\_description = $row['product\_description'];

                    // $product\_keyword=$row['product\_keywords'];

                    $product\_image = $row['product\_image1'];

                    $product\_image2 = $row['product\_image2'];

                    $product\_image3 = $row['product\_image3'];

                    $product\_price = $row['product\_price'];

                    $bategory\_id = $row['Category\_id'];

                    $brand\_id = $row['Brands\_id'];

                    // echo $product\_id;

                    echo "<div class='col-md-4 mb-2'>

            <div class='card'>

                <img src='./admin\_area/product\_images/$product\_image' class='card-img-top' alt='$product\_title'>

                <div class='card-body'>

                    <h5 class='card-title'>$product\_title</h5>

                    <p class='card-text'>$product\_description</p>

                    <p class='card-text'>Price: $product\_price/-</p>

                    <a href='index.php?add\_to\_cart=$product\_id' class='btn btn-info'>Add to cart</a>

                    <a href='index.php' class='btn btn-secondary'>Go Home</a>

                </div>

            </div>

        </div>

        <div class='col-md-8'>

                        <!-- related card -->

                        <div class='row'>

                            <div class='col-md-12'>

                                <h4 class='text-center text-info mb-5'>Related Products</h4>

                            </div>

                            <div class='col-md-6'>

                            <img src='./admin\_area/product\_images/$product\_image2' class='card-img-top' alt='$product\_title'>

                            </div>

                            <div class='col-md-6'>

                            <img src='./admin\_area/product\_images/$product\_image3' class='card-img-top' alt='$product\_title'>

                            </div>

                        </div>

                    </div>";

                } } } } }

//get ip address function

function getIPAddress()

{

    //whether ip is from the share internet

    if (!empty($\_SERVER['HTTP\_CLIENT\_IP'])) {

        $ip = $\_SERVER['HTTP\_CLIENT\_IP'];

    }

    //whether ip is from the proxy

    elseif (!empty($\_SERVER['HTTP\_X\_FORWARDED\_FOR'])) {

        $ip = $\_SERVER['HTTP\_X\_FORWARDED\_FOR'];

    }

    //whether ip is from the remote address

    else {

        $ip = $\_SERVER['REMOTE\_ADDR'];

    }

    return $ip;

}

// $ip = getIPAddress();

// echo 'User Real IP Address - '.$ip;

// cart function

function cart()

{

    if (isset($\_GET['add\_to\_cart'])) {

        global $con;

        $ip = getIPAddress();

        $get\_product\_id = $\_GET['add\_to\_cart'];

        $select\_query = "Select \* from `cart\_details` where ip\_address='$ip' and product\_id=$get\_product\_id";

        $result\_query = mysqli\_query($con, $select\_query);

        $num\_rows = mysqli\_num\_rows($result\_query);

        if ($num\_rows > 0) {

            echo "<script>alert('This item is already present inside cart')</script>";

            echo "<script>window.open('index.php','\_self')</script>";

        } else {

            $insert\_query = "insert into `cart\_details` (product\_id,ip\_address,quantity,date) values ($get\_product\_id,'$ip',0, NOW() ) ";

            $result\_query = mysqli\_query($con, $insert\_query);

            echo "<script>alert('Item is added to cart succesfully')</script>";

            echo "<script>window.open('index.php','\_self')</script>";

        } } }

// function to get cart item number

function cart\_item()

{

    if (isset($\_GET['add\_to\_cart'])) {

        global $con;

        $ip = getIPAddress();

        $select\_query = "Select \* from `cart\_details` where ip\_address='$ip'";

        $result\_query = mysqli\_query($con, $select\_query);

        $count\_cart = mysqli\_num\_rows($result\_query);

    }else {

        global $con;

        $ip = getIPAddress();

        $select\_query = "Select \* from `cart\_details` where ip\_address='$ip'";

        $result\_query = mysqli\_query($con, $select\_query);

        $count\_cart = mysqli\_num\_rows($result\_query);

        }

        echo $count\_cart;

}

// total cart price

function total\_cart\_price(){

    global $con;

    $ip = getIPAddress();

    $total=0;

    $cart\_query="select \* from `cart\_details` where ip\_address='$ip'";

    $result=mysqli\_query($con,$cart\_query);

    while($row=mysqli\_fetch\_array($result)){

        $product\_id=$row['product\_id'];

        $select\_product="select \* from `product` where product\_id='$product\_id'";

        $result\_product=mysqli\_query($con,$select\_product);

        while($row\_product\_price=mysqli\_fetch\_array($result\_product)){

            $product\_price=array($row\_product\_price['product\_price']);

            $product\_values=array\_sum($product\_price);

            $total+=$product\_values;

        } }

    echo $total; }

// get user order details

function get\_user\_order(){

    global $con;

    $user\_name=$\_SESSION['username'];

    $get\_details="select \* from `user\_table` where username='$user\_name'";

    $result\_query=mysqli\_query($con,$get\_details);

    while($row\_query=mysqli\_fetch\_array($result\_query)){

        $user\_id=$row\_query['user\_id'];

        if(!isset($\_GET['edit\_acount'])){

        if(!isset($\_GET['my\_order'])){

        if(!isset($\_GET['delete\_account'])){

            $get\_orders="select \* from `user\_orders` where user\_id=$user\_id and order\_status='pending'";

            $result\_order\_query=mysqli\_query($con,$get\_orders);

            $row\_count=mysqli\_num\_rows($result\_order\_query);

            if($row\_count>0){

                echo "<h3 class='text-center text-success mt-5 mb-2'>You have <span class='text-danger'>$row\_count</span> pending orders.</h3>

                <p class='text-center'><a href='profile.php?my\_order' class='text-dark'>Order Details</a></p>";

            }else{

                echo "<h3 class='text-center text-success mt-5 mb-2'>You have zero pending orders.</h3>

                <p class='text-center'><a href='../index.php' class='text-dark'>Explore Product</a></p>";

            } } } } } }

1. **CONCLUSION**

As we can see, online shopping may or may not be greener than traditional shopping. There are simply way too many factors that we must consider in such a model.

The ‘Online Cloth Shopping’ is designed to provide a web-based application that would make searching, viewing and selection of a product easier. The search engine provides an easy and convenient way to search for products where a user can search for a product interactively and the search engine would refine the products available based on the user’s input. The user can then view the complete specification of each product.

As we focus on the costs of online shopping, it seems that online shopping is detrimental for the environment. Online shopping brings us great convenience, but it also encourages irresponsible consumption habits like exploiting the advantages of free returns and expedited shipping. These add on to the existing pool of environmental problems that we are dealing with – global warming, wastes and pollution. Therefore, we should change our attitude towards e-commerce – to be more responsible, less exploitative, and more thoughtful for the environment.

1. **FUTURE SCOPE**

The following things can be done in future.

• The current system can be extended to allow the users to create accounts and save products in to wish list.

• The users could subscribe for price alerts which would enable them to receive messages when price for products fall below a particular level.

• The current system is confined only to the shopping cart process. It can be extended to have an easy to use check out process.

• Users can have multiple shipping and billing information saved. During checkout they can use the drag and drop feature to select shipping and billing information.

1. **LIMITATIONS**

Users cannot save the shopping carts so that they can access later i.e., they cannot create wish lists which they can access later. This application does not have features by which user can set price ranges for products and receive alerts once the price reaches the range.

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