

CST2120 WEB APPLICATION AND DATABASES

COURSEWORK 2: E-COMMERCE WEBSITE (Progress Report)

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Brief Description of the Project:

The project's goal is to construct an E-commerce website that allows customers to purchase things from a variety of options. Customers can Sign up themselves, Add the product into the cart, and make a checkout. We created a website for Mobile Phones Product. The user may browse the website, select items from various categories, and add them to their shopping basket. To continue with their buy, the customer must first sign up and sign in. The admin might also additionally examine, change, and eliminate orders, products, and customers with the usage of CMS. This has its personal admin login page that only authorized workers may access.

Front End Website:

The website’s front end design features correct navigation and a footer. Home, about us, browse product, and cart page through navigation. A sign-up button and a seek engine also are placed at the navigation bar. We can see a glimpse of the recommended products below the photos. The product web page presentations a listing of all to be had gadgets. It's possible to sort it by colour and given data description. The cart page presentations a precis of the overall quantity withinside the cart in addition to the gadgets in it. The user profile page contains information about the user and allows them to update their information and adjust their settings based on their preferences. It also contains an Order history page that displays the customer's previous purchases. The footer affords hyperlink to the access further different pages. The Front end is written in HTML, CSS, and JavaScript. Server-side scripts are written in PHP.

Screenshots of website pages

1. Home Page:

Home page of the website which consists of recommended products.

Graphical user interface, application

Description automatically generatedGraphical user interface

Description automatically generated

2. About Us Page:

This page describes about the websites interest and all other requirements.

Graphical user interface, text, website

Description automatically generated

Graphical user interface, application

Description automatically generated

3. Products Page:

There are 2 types of Products that we sell i.e. Samsung and Apple Phones.

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

4. View individual Product Page:

Customers can view the products individually once they select the product they want to purchase.

Graphical user interface, application

Description automatically generated

5. Login/Sign up Page:

Sign up and Login page for the customer to registered themselves.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

6. User Profile Page:

The user profile page contains information and order history of the user. User can change their settings according to their preferences.

Graphical user interface, application

Description automatically generated

Order History

Table

Description automatically generated

7. Cart Page:

The cart page consists of overall purchase made by the customer with their subtotal and proceed to checkout button.

Graphical user interface, application

Description automatically generated

CMS

1. Admin Panel:

Admin can view, add, and delete the products.

Graphical user interface

Description automatically generated

2. View Products:

Admins can view the Products

Table

Description automatically generated with low confidence

3. View Orders:

Admins can view the order made by the customers.

Graphical user interface, text, application, email

Description automatically generated

4. View Shipping Orders:

Text, table

Description automatically generated

5. Shipping Details:

Graphical user interface

Description automatically generated with low confidence

6. Payment Details:

Graphical user interface

Description automatically generated with medium confidence

7. Order confirmed:

Graphical user interface, application

Description automatically generated

Mongo DB Design

1. Our Database consists of 5 collections :

1.1 Product Collection

1.2 Orders Collection

1.3 Cart Collection

1.4 Customer Collection

1.5 Staff Collection

1.1 Products –

There are 2 types of products that we offer, i.e. Samsung and Apple Phones

Text

Description automatically generated

1.2 Orders –

Text

Description automatically generated

1.3 Cart –

Text

Description automatically generated

1.4 Customers –

Text

Description automatically generated

1.5 Staff –

Text

Description automatically generated

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