



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম
الجامعة الإسلامية العالمية شيتا خونج
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LAB REPORT

Course Code: CSE-3636

Course Title: Tools and Technologies for Internet programming

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Semester: 6th
Section: C
Date of submission: 09/07/2025

Remarks:



Project Report: ShopEase- An Ecommerce Shop

Introduction:

ShopEase is a user-friendly e-commerce platform built with PHP, Bootstrap, HTML, and CSS, offering a seamless online shopping experience. It features intuitive product browsing, secure payment options (COD, Internet Banking, Debit/Credit Card), user account management, order tracking, and product reviews. With a responsive design and customizable interface, ShopEase ensures accessibility and convenience across devices, delivering a reliable and engaging shopping solution.

Objectives:

The objective of ShopEase is to create a scalable, user-friendly e-commerce platform that streamlines online shopping with intuitive product browsing, secure payment processing, and robust user account management. It aims to deliver a seamless, responsive, and engaging shopping experience across devices, enhancing convenience, accessibility, and customer satisfaction.

Tools:

Frontend:

- HTML
- CSS
- Javascript
- Bootstrap

Backend:

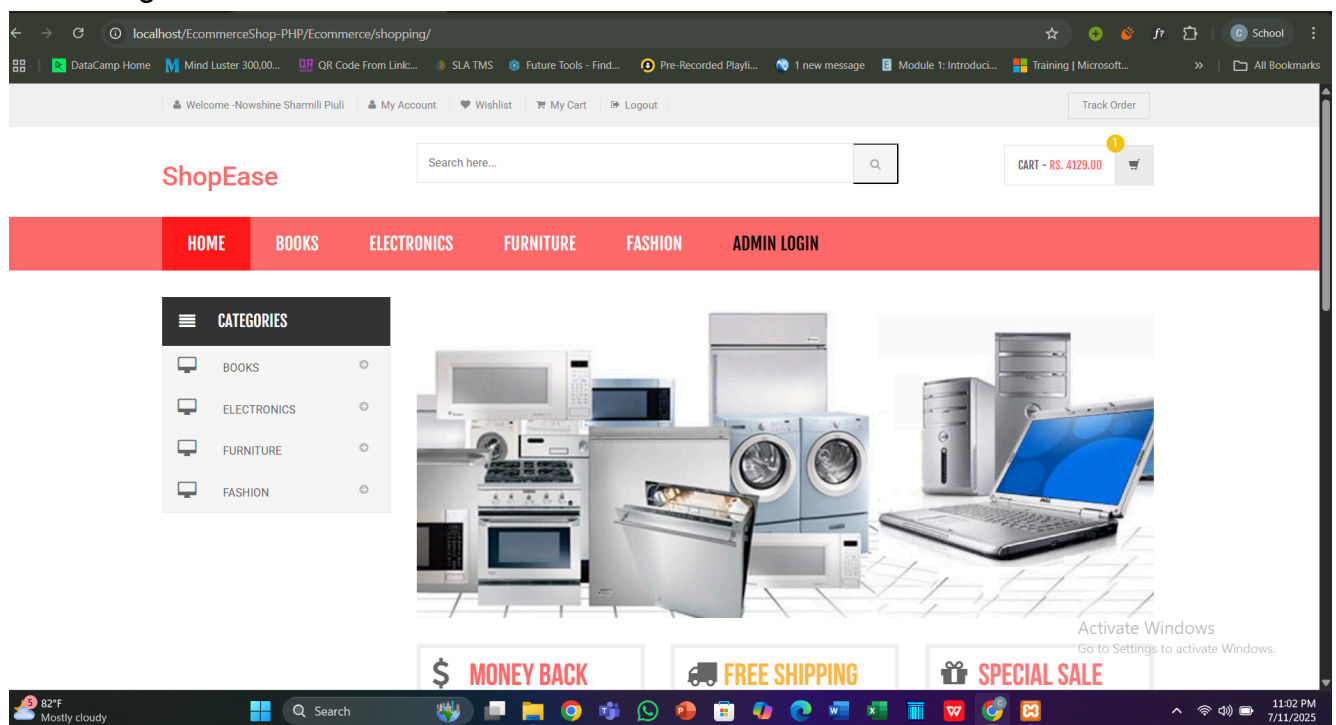
- PHP
- Mysql

Why did this:

The ShopEase e-commerce platform was developed to address the growing demand for a streamlined, user-centric online shopping experience. The project was undertaken to create a robust, scalable solution that empowers users to browse and purchase products effortlessly while ensuring security and convenience. By integrating features like secure payment methods, product reviews, order tracking, and a responsive design, ShopEase aims to enhance customer satisfaction, simplify online retail processes, and provide a modern, accessible platform for both users and businesses in the digital marketplace.

Result:

Home Page:



Sign in & Sign up:

localhost/EcommerceShop-PHP/Ecommerce/shopping/login.php

ShopEase

HOME BOOKS ELECTRONICS FURNITURE FASHION ADMIN LOGIN

Home / Authentication

SIGN IN

Hello, Welcome to your account.

You have successfully logout

Email Address *

Password *

[Forgot your Password?](#)

LOGIN

CREATE A NEW ACCOUNT

Create your own Shopping account.

Full Name *

Email Address *

Contact No. *

Password. *

Activate Windows
Go to Settings to activate Windows.

My Account/Portfolio:

localhost/EcommerceShop-PHP/Ecommerce/shopping/my-account.php

1 MY PROFILE

Personal info

Name *

Email Address *

Contact No. *

UPDATE

2 CHANGE PASSWORD

YOUR CHECKOUT PROGRESS

- My Account
- Shipping / Billing Address
- Order History
- Payment Pending Order

Activate Windows
Go to Settings to activate Windows.



My Cart:

localhost/EcommerceShop-PHP/Ecommerce/shopping/my-cart.php

ShopEase

HOME BOOKS ELECTRONICS FURNITURE FASHION ADMIN LOGIN

Home / Shopping Cart

Remove	Image	Product Name	Quantity	Price Per unit	Shipping Charge	Grandtotal
<input type="checkbox"/>		REDMI NOTE 4 (GOLD, 32 GB) (WITH 3 GB RAM) ★★★★☆ (0 Reviews)	1	BDT 10999.00	BDT 0.00	10999.00
<input type="checkbox"/>		THE WIMPY KID DO -IT- YOURSELF BOOK ★★★★☆ (0 Reviews)	1	BDT 205.00	BDT 50.00	255.00

Activate Windows
Go to Settings to activate Windows.

[CONTINUE SHOPPING](#)[UPDATE SHOPPING CART](#)

SHIPPING ADDRESS

Billing Address *

Billing State *

Billing City *

Billing Pincode *

[UPDATE](#)

BILLING ADDRESS

Shipping Address *

Shipping State *

Shipping City *

Shipping Pincode *

[UPDATE](#)**GRAND TOTAL 11254.00**[PROCEED TO CHECKOUT](#)

Activate Windows
Go to Settings to activate Windows.

My Wishlist:

localhost/EcommerceShop-PHP/Ecommerce/shopping/my-wishlist.php

Welcome - Nowshine Sharmili Puli | My Account | Wishlist | My Cart | Logout | Track Order


ShopEase Search here...

CART - RS. 11254.00

HOME BOOKS ELECTRONICS FURNITURE FASHION ADMIN LOGIN

Home / Wishlish

MY WISHLIST

 **Thea Stilton and the Tropical Treasure**
★★★★☆ (0 Reviews)
BDT. 240.00 900.00

[ADD TO CART](#)

Activate Windows
Go to Settings to activate Windows.

Track order:

localhost/EcommerceShop-PHP/Ecommerce/shopping/track-orders.php

Welcome - Nowshine Sharmili Puli | My Account | Wishlist | My Cart | Logout | Track Order

ShopEase Search here...

CART - RS. 11254.00

HOME BOOKS ELECTRONICS FURNITURE FASHION ADMIN LOGIN

Home / Track your orders

TRACK YOUR ORDER

Please enter your Order ID in the box below and press Enter. This was given to you on your receipt and in the confirmation email you should have received.

Order ID

Registered Email

[TRACK](#)

Activate Windows
Go to Settings to activate Windows.

Payment Method:

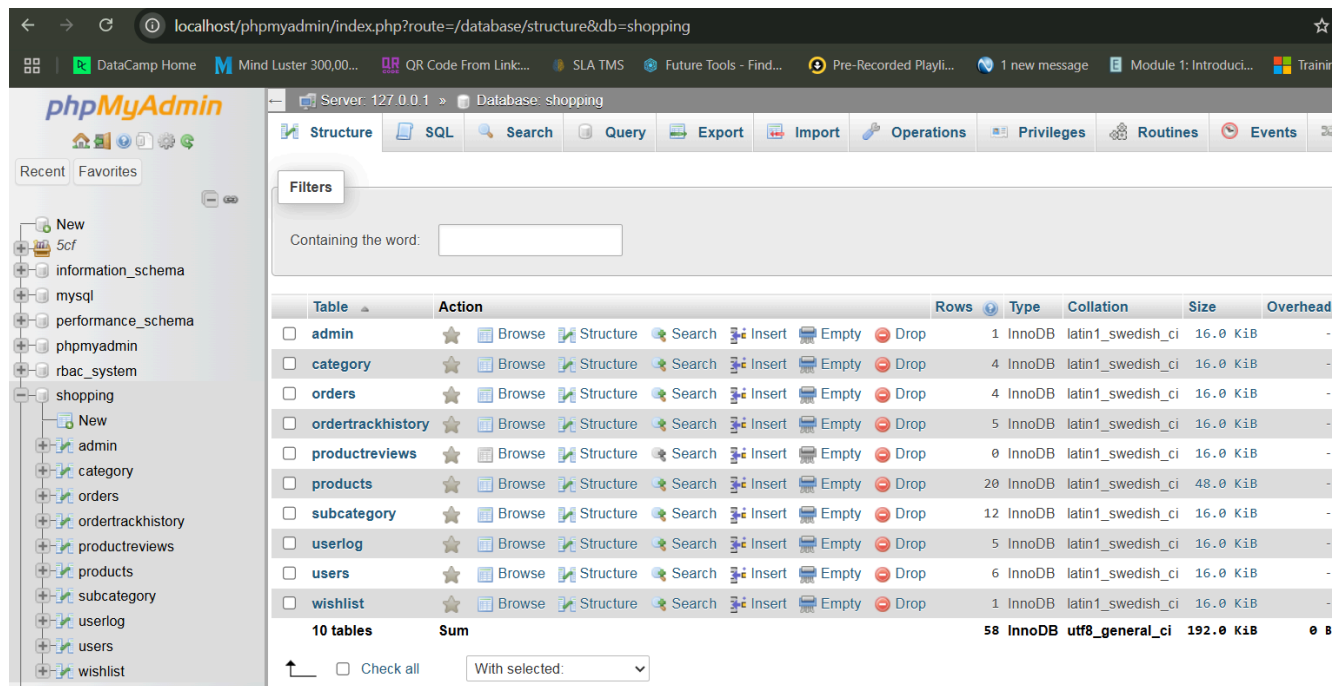
CHOOSE PAYMENT METHOD

SELECT YOUR PAYMENT METHOD

☒ COD ☐ Internet Banking ☐ Debit / Credit card

submit

Database:



The screenshot shows the phpMyAdmin interface for a database named 'shopping'. The left sidebar displays the database structure, including tables like 'admin', 'category', 'orders', 'ordertrackhistory', 'productreviews', 'products', 'subcategory', 'userlog', 'users', and 'wishlist'. The main panel shows the 'Structure' tab for the 'shopping' database, listing 10 tables with their respective actions (Browse, Structure, Search, Insert, Empty, Drop) and details (Rows, Type, Collation, Size, Overhead).

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> admin	★ Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> category	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> orders	★ Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> ordertrackhistory	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> productreviews	★ Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> products	★ Browse Structure Search Insert Empty Drop	20	InnoDB	latin1_swedish_ci	48.0 KiB	-
<input type="checkbox"/> subcategory	★ Browse Structure Search Insert Empty Drop	12	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> userlog	★ Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> users	★ Browse Structure Search Insert Empty Drop	6	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> wishlist	★ Browse Structure Search Insert Empty Drop	1	InnoDB	latin1_swedish_ci	16.0 KiB	-
10 tables	Sum	58	InnoDB	utf8_general_ci	192.0 KiB	0 B

Error that faced during this project:

- 1.Connecting different pages, linking with one another
2. Sometimes xampp stop working suddenly
3. Database connection error

Conclusion:

ShopEase successfully delivers a robust and user-friendly e-commerce platform, streamlining online shopping with intuitive navigation, secure payment options, and comprehensive user account management. By integrating responsive design, product reviews, and order tracking, it enhances accessibility and customer satisfaction. The project achieves its goal of providing a scalable, modern solution for online retail, meeting the needs of users and businesses in the digital marketplace.