

PROJECT REPORT

ON

ECOM-SHEBA



DAFFODIL INTERNATIONAL UNIVERSITY
DHAKA, BANGLADESH

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ECOM-SHEBA: A MODERN INVENTORY SYSTEM

By

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This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering

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DAFFODIL INTERNATIONAL UNIVERSITY

DHAKA, BANGLADESH

September 2021

APPROVAL

This Project/internship titled “ECOM-SHEBA: A modern E-commerce website” submitted by Mojibur Rahman, ID No: 171-15-816 to the Department of Computer Science and Engineering. Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on September 19, 2021.

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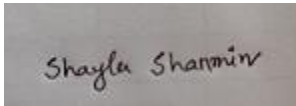
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DECLARATION

We hereby declare that, this project has been done by us under the supervision of **Shayla Sharmin Lecturer, and Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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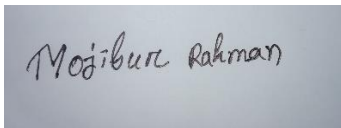
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I'd like to express myself.

ABSTRACT

The project “**Ecom-Sheba: A Modern E-commerce Inventory**” E-commerce refers to the buying and selling of goods and services by businesses and consumers over the internet. This project aims at the creation and implementation of an online inventory system framework for business to owner. Ecom-Sheba provides different services for Owner to Customers.

Ecom-Sheba service is to calculate the purchase and sale of a store. Purchasing the product, uploading the product, determining the retail price and wholesale price of the product and selling the product. How much money has been sold in one day. There are opportunities to find products according to the needs of the buyer. How much money has been spent on the product and other profit and expenditure will be recorded throughout the day. The buyer is given a receipt for an account checkout.

Customers will be able to make payments through three systems, one is MasterCard, Mobile banking and the other is Hand Cash. There are different blog posts that are generated by admins for customers to read. There are one types of user Admin. Admin can add products, edit product information, delete products, approve and cancel the order, and create blog posts under any product. Admin can monitor the whole system, any actions can be taken, anywhere in this system. Normally, admin deletes all of the procedure is any time.

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Chapter 1

Introduction

1.1 Introduction

Ecom-Sheba: A modern e-commerce inventory system for seller. Inventory management refers to the process of using and selling a company's inventory order store. This comprises the storage and processing of raw materials, components, and completed products, as well as the administration of raw materials, components, and final products.

Ecom-Sheba has one types of user Admin. Admin can add products, edit product information, product stocks, and delete products, product check. . Normally, admin deletes all of the procedure is any time.

1.2 Motivation

In our everyday lives, we are totally reliant on digital technologies now in **2021**. Digital technology provides easy access to information, better connectivity, facilitates creativity and innovation, and usually ensures efficiency. Now come to the point. The overall idea of that project started with a long survey on e-commerce and the definition of inventory service sale. My supervisor encouraged me to do the same thing differently between the title, protection and pre-phase1 and I took the opportunity to create an inventory system with some different feature.

1.3 Objective

In order to achieve this aim, I will continue update this project under my maintenance and add the following features below:

- **User friendly User Interface**

My main aim of Ecom-Sheba development is to increase the satisfaction of the seller with using an inventory system experience by providing a unique and some useful features, I

hope that the users will be pleased with the services and products of the system. Its simple interface can improve the productivity of users.

- **Improved Product Searching**

I will improve my product searching system. I have a plan. Through first letter searching, the seller will find their desired product. I will add this voice system feature to my website very soon.

1.4 Expected Outcome

After the feasibility case study of my proposed project, I could imagine that Ecom-Sheba would be one of the unique and modern E-commerce platforms, and it would be very simple and intelligent for admin to use and start selling products.

1.4.1 products Tracking System:

The product tracking feature is one of the most important features on my inventory system. The customer can then apply the dial code number to see what stage his product is in.

1.4.2 User Sign Up:

Here a seller is given the opportunity to use the admin's permission.

1.4.3 Admins:

Any problem inventory system can be solve admin.

1.4.4 Users:

In this system, there will be three user forms, Admin, Super Admin and customers will use the functionality of this system

CHAPTER 2

Background

2.1 Introduction

Ecom-Sheba is a modern inventory system. Where admin can easily sale product. To buy any product seller has to upload on this shop. The purpose of this project is to develop and implement an online inventory system for business purpose. **Using** my system seller can easily searching any kind of products and it works very fast. Customer information details collect. Admin can add sale, where all sale can add product, add categories.

2.1.2 Application Features

There are one functional segments for admin.

Features for customer

- add customer
- Add product
- Receipt collect.

Features for admin

- Create/delete/edit category
- Insert product under any category
- Create/Edit/delete product
- Add/delete/edit
- Receive product
- Cancel product
- Easy Admin Panel

2.2 Related Works

There are many online shopping platforms all over the World. The biggest are:

- Color Bangla
- Magento
- Bitgo

2.3 Comparative Studies:

Just Say What Your Needs! The main feature of this project is to calculate, clear the system. Upload, delete, stock the product, and give sales receipt to the customer. This gives the customer and the seller a modern and easy secure facility. Every business need inventory to keep its operations running smoothly. It connects the manufacturing and distribution processes. As a result, inventory control and management are extremely important.

When the seller searching product how many show relative products is one of the most important on my project. The seller can then apply the dial code number to see what stage his product is in. User-friendly admin panel and front end provide better selling experience for admin.

2.4 Scope of the Problem:

There are no notable limits to this project. I have completed the project as I have supervised, but if there are any user needs; It will be built according to the requirements.

CHAPTER 3

Requirement Specification

3.1 Requirement Collection and Analysis

This web application can be used by admin. Their functions in this project are predefined in this application by what they can do. The group of product and product shall be inserted from the admin panel by the seller. Under each object, seller can rank products and qualities and purchase products that are uploaded by the admin.

Establish two distinct super admin and admin login schemes where customers can sign up and log in directly from the web inventory system, and this connection must be used by admin to log in to the admin panel and manage items.

3.1.1 Web Programming

- **HTML5**

HTML5 is a markup language for hypertext. The new edition of this markup language is HTML5. It is used to build audio, video documents, text and mix and customize hypertext links between documents and buttons, etc. HTML5, which is commonly used on the World Wide Web. The browser-side language that is readable for all browsers is HTML5. For example, it can insert JavaScript scripts that interrupt the behavior of HTML5 web pages and build interactive web features.

- **CSS3**

The new development of the vocabulary and intentions of Cascading Style Sheets CSS3 to cover CSS2.1 is CSS3. Colors, style, and fonts can be included in the html tag through the specified class or ID. CSS3 is HTML-free and can be used in any markup language based on XML. The absence of HTML5 from CSS3 makes it stress-free for web pages to be preserved, style sheets to be altered across pages, and pages to be altered in several different contexts, such as translucent, gradient, etc.

● **Bootstrap Framework**

Bootstrap is one of the best CSS front-end application for sensitive, first front-end mobile Web creation. It is an open source platform for use on web pages of any kind. Bootstrap incorporates HTML, CSS, and JavaScript code to assist web application building developers and can also be used to develop the development of desktop and mobile apps. An additional justification for using Bootstraps Sensitive Smartphone, Tablet and Laptop Modification is more beneficial. With thousands of elements already installed, Bootstrap is simpler to use for a full grid system. It comes with plenty of JS and CSS.

● **PHP**

PHP mean that for Hypertext Preprocessor. It is a server-side programming language. PHP can only be interpreted on a server that has PHP installed. It is available free of charge for the creation of a static, interactive website or web application. The PHP runtime implements PHP code in a requested file to produce traditionally vibrant web pages or dynamic images used on websites.

● **Laravel 6.x (Framework)**

Laravel is a free, open-source Php framework. A very attractive website can be created using laravel framework and it is very strong in terms of security. Nowadays Many websites are created using Laravel Framework and it is the most powerful framework in PHP programming language.

● **MySQL Database Server**

MySQL is SQL - structured query language based relational database management system. It is used for a vast array of data, including data warehouse, e-commerce, application logging, etc. MySQL is commonly used for online databases. MySQL database is able to store data very easily and to retrieve data. Visitors to several websites will communicate with MySQL simultaneously.

● **MySQL VS Other Database**

This range of tools has a complete, secure structural location and the deployment of database-focused Internet applications. Linux, UNIX, and Windows are open. MySQL is an open-source database that gives powerful database management and is free to use. It's an efficient and effective solution for enhancing advanced features such as:

- For transactional processing, data protection and support are strong.
- Optimum speed to ensure high performance.
- MySQL guarantee of 24x7 high availability.
- Huge range of data model.

MySQL enables quick and simple maintenance, debugging, and updates.

3.2 Use Case Modeling and Description

3.2.1 Description of use case modeling

A use case diagram models the application and reflects the system's interactions with users. Use Cases of usage will be planned and actors will be defined when a system is evaluated to gather its features. In general, the case diagram for use is a graphical overview of the interactions between the components of a device. It is a technique used to describe and organize system specifications in system analysis. Typically, the actors are specifically interested in determining the system according to their positions. There are one types of users who are actors in this system. These are:

- Admin

Different actors have a distinct role to play in the system's actions.

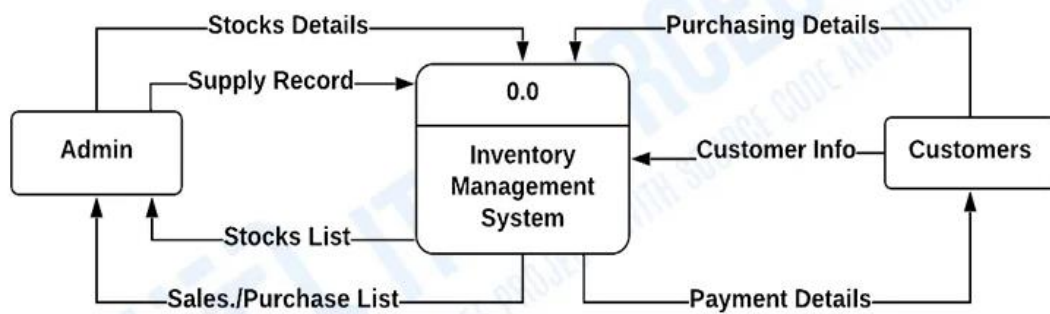


Figure 3.2.1.1: Use Case Diagram

3.3 Logical Data Model

3.3.1 ER Diagram

INVENTORY MANAGEMENT SYSTEM

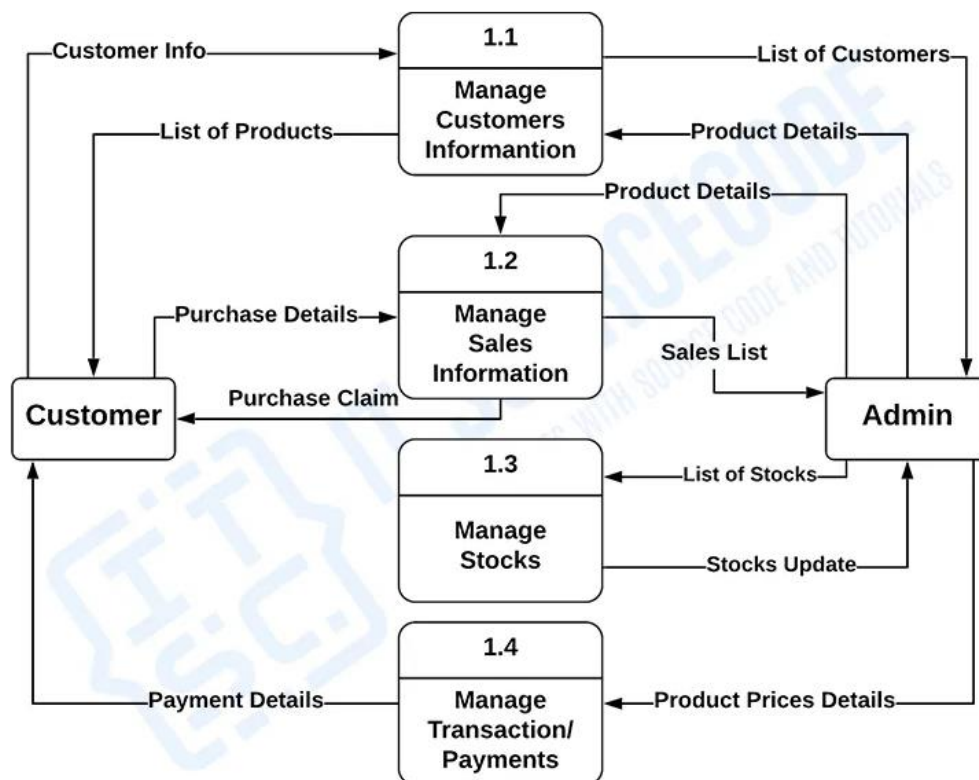


Figure 3.3.1.1: ER Diagram

CHAPTER 4

Design Specification

4.1 Front-End Design

System design is the method of determining the system's overall architecture, components, interfaces, and data types to describe and define specifications for a system. It is also regarded as the application of system theory to the creation of system.

4.1.1 Home Page

The photo shows this inventory system home page. The portion of the header includes the logo on the left and the menu (Home, sales, product, customer, Super Admin Login). In this level, the system must display or reveal further processing information.

The following information is required to be accommodated:

- Purchasing Records
- Sales
- Transactions Record
- Payment
- Supplier Record
- Stocks

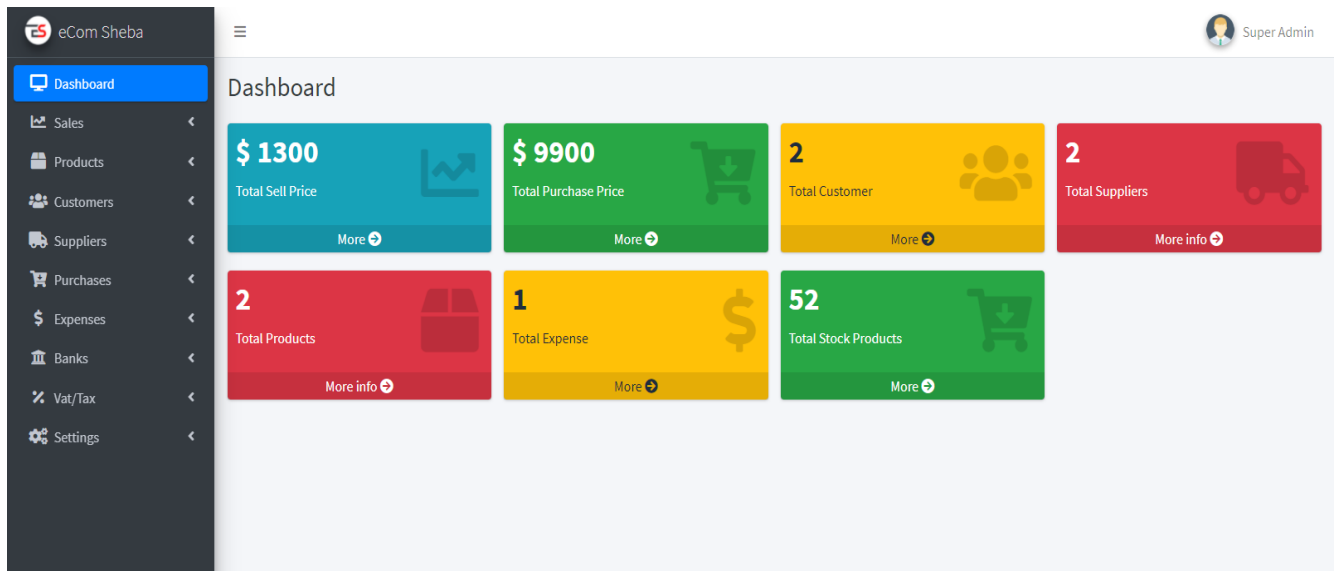


Figure 4.1.1.1: Home Page

4.1.2 Add product.

Feature of products prices sale and product sale discount and paid amount.

The screenshot shows the 'Add New Product' form in the 'eCom Sheba' system. The sidebar menu on the left has 'Add Product' selected under the 'Products' section. The form contains the following fields and options:

- Barcode/QR Code:** SH-001
- Product Name ***: Red Shirt
- Product Description:** Product Description
- Model:** 03
- Serial No.:** Product Serial No.
- Product Image:** Choose File (No file chosen)
- Category ***: Shirt
- Brand:** Easy
- Unit:** pcs
- Vat:** 0
- Tax:** 0

At the bottom right of the form, there are 'Reset' and 'Submit' buttons. A watermark 'Activate Windows' is visible in the bottom right corner of the page.

eCom Sheba

Dashboard
Sales
Products
Add Product
Manage Product
Category
Brand
Unit
Customers
Suppliers
Purchases
Expenses
Banks
Vat/Tax
Settings

Super Admin

Manage Product

SL	Image	Product Name	Model No.	Serial No.	Cost Price	Whole Sale Price	Sale Price	Actions
1		Red Shirt (Full Sleeve)			150	180	250	
2		blue panjabi	03		500	600	800	
3		Red Shirt	03					

Activate Windows
Go to Settings to activate Windows.

Figure 4.1.2.1: Add Products

4.1.3 Add customer

Only the new customer add in this section. This is a very important section for the system.

eCom Sheba

Dashboard
Sales
Products
Customers
Add Customer
Manage Customer
Customer Ledger
Credit Customer
Customer Advance
Suppliers
Purchases
Expenses
Banks
Vat/Tax
Settings

Super Admin

Add New Customer

Customer Name *

Tarek

Customer Email

Customer Email

Customer Phone No.

0123456789

Additional Phone No.

Customer Phone No. 2

Address

uttara, Dhaka

City

City

Zip Code

Zip Code

Previous Credit Balance

Previous Credit Balance

Reset

Submit

Activate Windows
Go to Settings to activate Windows.

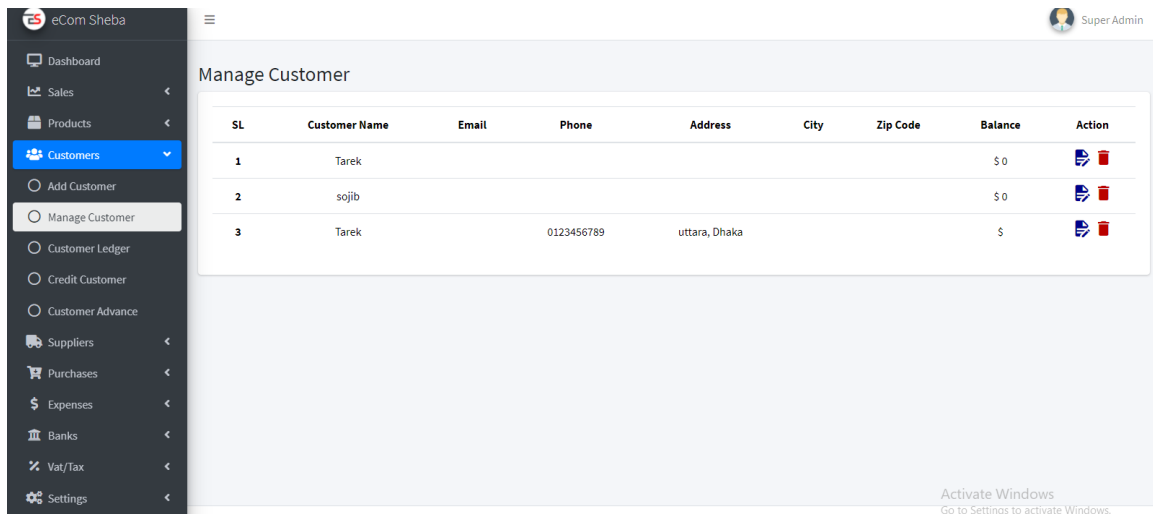


Figure 4.1.3.1: Add Customer

4.1.4 Product suppliers.

The admin will generate the most current blog entries. These blog posts have been displayed on the home page and the machine can leap into the blog page by pressing the "Continue Reading" button.

- Dashboard
- Sales
- Products
- Customers
- Suppliers**
 - Add Supplier**
 - Manage Supplier
 - Supplier Ledger
 - Supplier Advance
- Purchases
- Expenses
- Banks
- Vat/Tax
- Settings

Add New Supplier

Supplier Name *

Supplier Email

Supplier Phone No.

Additional Phone No.

Address

City

Zip Code

Previous Credit Balance

- Dashboard
- Sales
- Products
- Customers
- Suppliers**
 - Add Supplier
 - Manage Supplier**
 - Supplier Ledger
 - Supplier Advance
- Purchases
- Expenses
- Banks
- Vat/Tax
- Settings

Super Admin

Manage Supplier

SL	Supplier Name	Email	Phone	Address	City	Zip Code	Balance	Action
1	Easy Supplier						\$ 0	
2	sojib			dhaka			\$ 0	
3	Nashrava		123567	uttara	dhaka		\$	

Figure 4.1.4.1: Product Suppliers.

4.1.5 Purchas product. It is very easy to go to the admin uploading product.

eCom Sheba

- Dashboard
- Sales
- Products
- Customers
- Suppliers
- Purchases**
 - Add Purchase
 - Manage Purchase
- Expenses
- Banks
- Vat/Tax
- Settings

Purchase Date *

09/16/2021

Item Information *	Stock	Qty *	Cost Price *	Whole Sale Price *	Sale Price *	Total	Action
blue panjabi	4	1	500	800	1000	500	✖
						Net Total	500
						Discount:	10
						Shipping Cost:	0
						Grand Total:	490
				Full Pay	Paid Amount:		490
						Due:	0

Reset

Submit

Activate Windows

Go to Settings to activate Windows.

eCom Sheba

- Dashboard
- Sales
- Products
- Customers
- Suppliers
- Purchases**
 - Add Purchase
 - Manage Purchase
- Expenses
- Banks
- Vat/Tax
- Settings

Purchase Details

Billing From

eCom Sheba

Dhaka

Mobile: 1234567890

Email: info@ecomsheba.com

Website: www.ecomsheba.com

Vat Reg. No. Tax Reg. No.

Purchase

Voucher No. VP_03

Billing Date: 16-09-2021

Billing To

Easy Supplier

Mobile:

Address:

SL.	Product Name	Qty	Cost Price	Whole Sale Price	Sale Price	Amount
1	blue panjabi	1	\$ 500	\$ 800	\$ 1000	\$ 500
Grand Total		1				\$ 500

Total Discount:

\$ 10

Shipping Cost:

\$ 0

Grand Total:

\$ 490

Paid Amount:

\$ 490

Figure 4.1.5.1: Purchas Product.

4.1.6 Company Profile Page.

Here the user will be given everything, will be able to change the profile information like password, profile image etc.

The screenshot displays the 'Manage Company' page within the eCom Sheba application. On the left, a dark sidebar contains a menu with options: Dashboard, Sales, Products, Customers, Suppliers, Purchases, Expenses, Banks, Vat/Tax, Settings (highlighted with a blue bar and a dropdown arrow), and Website Settings. The main content area is titled 'Manage Company' and features a form for editing company details. The form is organized into two columns. The left column includes fields for 'Company Name' (eCom Sheba), 'Company Phone' (1234567890), 'Company Address' (Dhaka), 'Company Email' (info@ecomsheba.com), 'Company Website' (www.ecomsheba.com), and 'Company Logo' (with a 'Choose File' button and a preview of the eCom Sheba logo). The right column includes fields for 'Invoice Logo' (with a 'Choose File' button and a preview of the eCom Sheba logo), 'Favicon' (with a 'Choose File' button and a preview of the eCom Sheba logo), 'Currency' (a dropdown menu set to 'Dollar \$'), 'Language' (a dropdown menu set to 'English (EN)'), and 'Footer Text' (Copyright © 2021 eCom Sheba. All rights reserved.). A green 'Save Changes' button is positioned at the bottom center of the form. In the top right corner, the user 'Super Admin' is logged in. At the bottom right, there is a watermark for 'Activate Windows'.

Figure 4.1.6.1: Company Profile Page

4.1.7 Sale product

It is very important for inventory system.

- Dashboard
- Sales**
 - Add Sale
 - Manage Sale
- Products
- Customers
- Suppliers
- Purchases
- Expenses
- Banks
- Vat/Tax
- Settings

Remarks

Remarks

Item Information *	Qty *	Description	SN	Unit	Rate *	Discount %	Stock	Total	Action
blue panjabi	01				1000	10	5	900	
Total Discount:					100	Total VAT+TAX:		0	
Delivery Charge:					0	Grand Total:		900	
Previous Due:					0	Net Total:		900	
Full Pay					Paid Amount:	900	Due:		0
Change:								0.00	

Reset

Submit

- Dashboard
- Sales**
 - Add Sale
 - Manage Sale
- Products
- Customers
- Suppliers
- Purchases
- Expenses
- Banks
- Vat/Tax
- Settings

SL.	Product Name	Unit	Qty	Rate	Discount	Amount
1	blue panjabi		1	\$ 1000	10 %	\$ 900
Grand Total			1			\$ 900

Total Discount:

\$ 100

Total TAX:

\$ 0

Delivery Charge:

\$ 0

Previous:

\$ 0

Grand Total:

\$ 900

Paid Amount:

\$ 900

Due:

\$ 0

Received By

Authorized By

Close

Print

Super Admin

Activate Windows

Go to Settings to activate Windows.

4.1.7.1 Sale product

4.1.8 Expenses

Here is user daily expenses record.

The screenshot displays the 'eCom Sheba' application interface. On the left is a dark sidebar with a menu including Dashboard, Sales, Products, Customers, Suppliers, Purchases, Expenses (highlighted), Add Expense, Manage Expense, Add Expense Category, Manage Expense Category, Banks, Vat/Tax, and Settings. The main content area is titled 'New Expense' and contains a form with the following fields: 'Date' (09/16/2021), 'Expense Type' (Utility Bill), 'Payment Type' (Cash Payment), and 'Amount' (800). A green 'Save' button is located at the bottom right of the form. Below the form is a section titled 'Expense List' containing a table with the following data:

SL	Date	Expense Type	Amount	Action
1	2021-09-04	Utility Bill	800	
2	2021-09-16	Utility Bill	800	
Total			1600	

Figure 4.1.8.1: Company expenses.

4.1.9 Checkout Page

From this page users will be able to see the prices of their favorite products and go the final step. Final step button that means the payment processing system page.

eCom Sheba
Dhaka
Mobile: 1234567890
Email: info@ecomsheba.com
Website: www.ecomsheba.com
Vat Reg. No. Tax Reg. No.

Billing To
Tarek
Mobile:
Address:

SL.	Product Name	Unit	Qty	Rate	Discount	Amount
1	Red Shirt (Full Sleeve)		2	\$ 250	0 %	\$ 500
Grand Total			2			\$ 500

Total Discount: \$ 0
Total TAX: \$ 0
Delivery Charge: \$ 0
Previous: \$ 0
Grand Total: \$ 500
Paid Amount: \$ 500

Activate Windows
Go to Settings to activate Windows

Figure 4.1.9.1: Product Checkout Page

4.1.10 Payment page

From this page customer will be able to complete the payment process .Sales man give receipt their all details customer information.

- Dashboard
- Sales
- Products
- Customers
- Suppliers
- Purchases
- Expenses
- Banks**
- Add Bank
- Manage Bank
- Vat/Tax
- Settings

New Bank

Bank Name *

DBBL

A/C Name *

Mojibur Rahman

A/C Number *

12354546

Branch *

Uttara

Signature Picture

Choose File

No file chosen

Reset

Save

- Dashboard
- Sales
- Products
- Customers
- Suppliers
- Purchases
- Expenses
- Banks**
- Add Bank
- Manage Bank
- Vat/Tax
- Settings

Super Admin

Manage Bank

SL	Bank Name	A/C Name	A/C Number	Branch	Balance	Signature Pic	Action
1	DBBL	Mojibur Rahman	12354546	Uttara	0		

Figure 4.1.10.1: Product payment Page

4.1.11 Vat/tax

The customer pays government taxes and service charges.

eCom Sheba

- Dashboard
- Sales
- Products
- Customers
- Suppliers
- Purchases
- Expenses
- Banks
- Vat/Tax**
- Manage Vat/Tax
- Settings

Manage Vat/Tax

Tax Name 1 *	Default Value (%)	Reg No.
service	10	Vat Registration Number
Tax Name 2 *	Default Value (%)	Reg No.
govt	5	Tax Registration Number

Save

Figure 4.1.11.1: Vat/tax

4.1.12 System setting.

Everything in the system is checked and changed here.

eCom Sheba

- Dashboard
- Sales
- Products
- Customers
- Suppliers
- Purchases
- Expenses
- Banks
- Vat/Tax
- Settings**
- Website Settings

Manage Company

Company Name *	eCom Sheba	Invoice Logo *	Choose File No file chosen
Company Phone *	1234567890	Favicon *	Choose File No file chosen
Company Address *	Dhaka	Currency *	Dollar \$
Company Email *	info@ecomsheba.com	Language *	English (EN)
Company Website *	www.ecomsheba.com	Footer Text *	Copyright © 2021 eCom Sheba. All rights reserved.
Company Logo *	Choose File No file chosen		

Save Changes

Figure 4.1.12.1: System setting

4.2 Back-End Design:

A system's logical design relates to an abstract representation of the system's data flows, inputs, and outputs that require a simple representation of an actual system.

4.2.1 Admin Login:

The picture shows the Admin Login page.

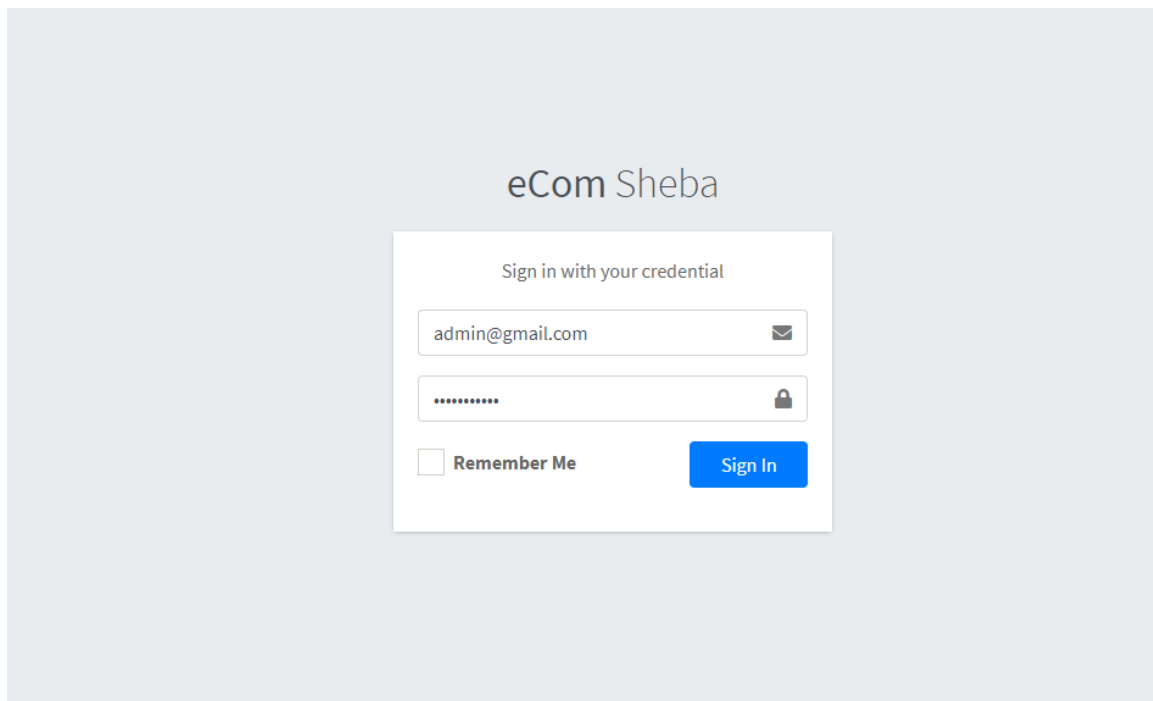
The image shows a web page for 'eCom Sheba' with a login form. The form is titled 'Sign in with your credential' and contains two input fields: one for email (containing 'admin@gmail.com') and one for password (containing '*****'). Below the password field is a 'Remember Me' checkbox and a 'Sign In' button. The background is a light gray gradient.

Figure 4.2.1.2: Admin Login

4.2.3 Admin Logout:

Admin Logout page.

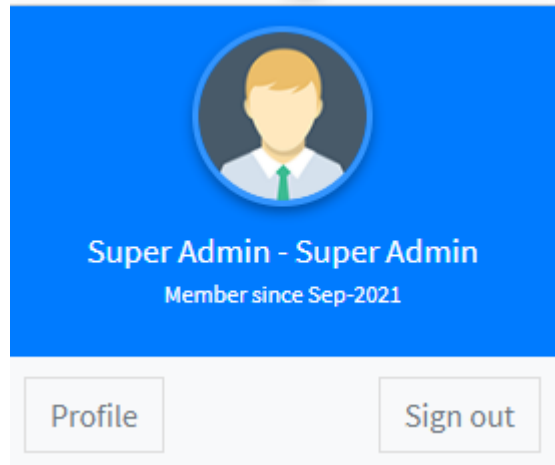


Figure 4.2.3.1: Admin Logout

4.2.3 Admin Dashboard:

Every section is the website is here.

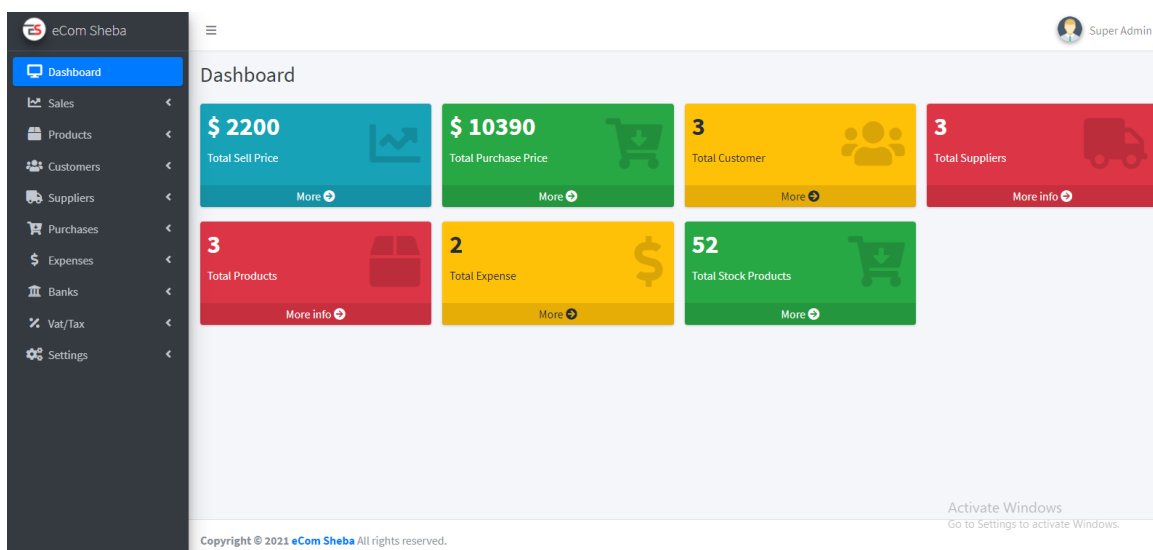


Figure 4.2.4.1: Admin Dashboard

Chapter 5

Implementation and Testing

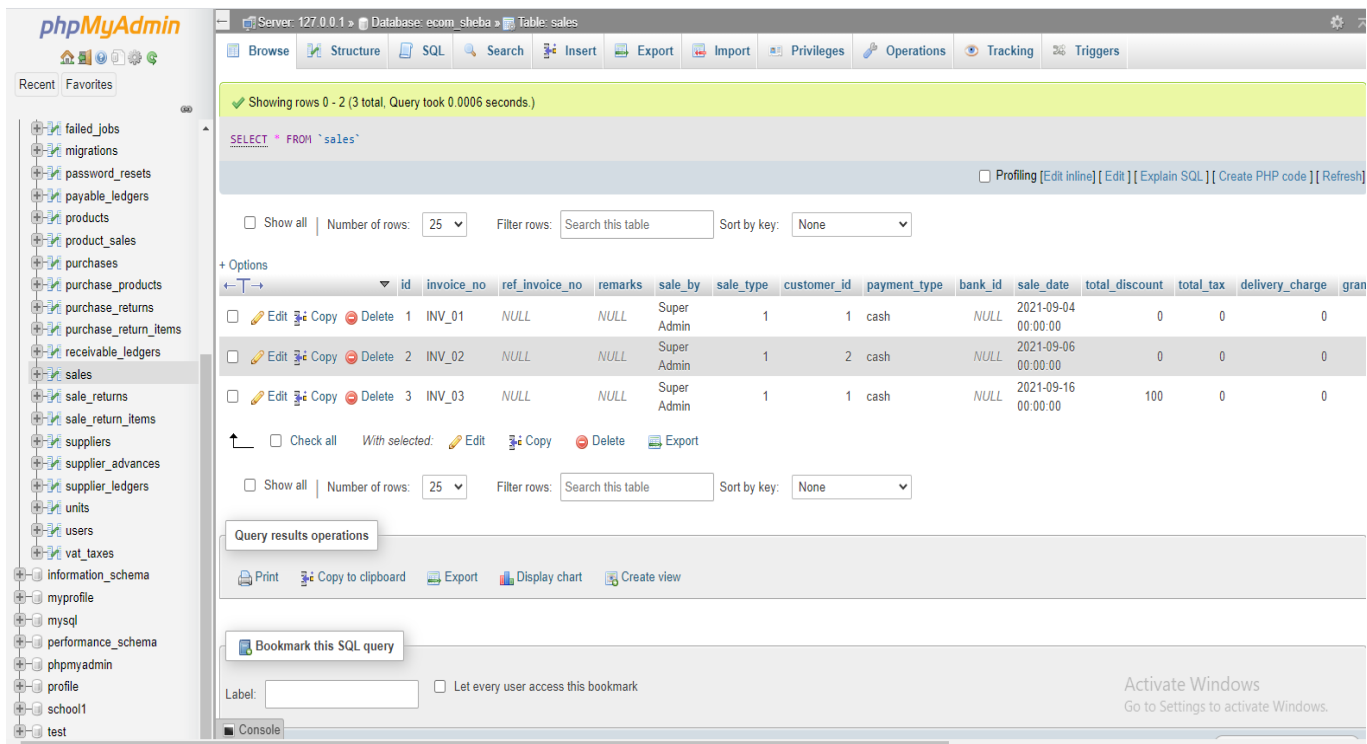
5.1 Implementation of Database:

A database server consisting of a computer program and offering database services to other computers is based primarily on the inventory-server model. Tasks such as data processing, storage, data manipulation, archiving, replication, and recovery are also carried out by the database server. In this chapter, I will address the server that is used for the project in the system database. I used my project's MYSQL server.

5.1.1 Tables for the total database design:

In this image, the complete database design of this project is shown below. The tables created under the inventory system database is call ecom-sheba. Here is customer information record, sales record.

Tables for the sales database design:



The screenshot shows the phpMyAdmin interface for the 'ecom_sheba' database. The 'sales' table is selected, and its structure is displayed. The table has 14 columns: id, invoice_no, ref_invoice_no, remarks, sale_by, sale_type, customer_id, payment_type, bank_id, sale_date, total_discount, total_tax, delivery_charge, and grand_total. The table contains 3 rows of data.

id	invoice_no	ref_invoice_no	remarks	sale_by	sale_type	customer_id	payment_type	bank_id	sale_date	total_discount	total_tax	delivery_charge	grand_total
1	INV_01	NULL	NULL	Super Admin	1	1	cash	NULL	2021-09-04 00:00:00	0	0	0	0
2	INV_02	NULL	NULL	Super Admin	1	2	cash	NULL	2021-09-06 00:00:00	0	0	0	0
3	INV_03	NULL	NULL	Super Admin	1	1	cash	NULL	2021-09-16 00:00:00	100	0	0	0

Figure 5.1.1.2: Tables for the sales database design.

Tables for the total database:

The screenshot shows the phpMyAdmin interface for a database named 'ecom_sheba'. On the left, a sidebar lists all tables in the database. The main area displays a table structure view with columns: Table, Action, Rows, Type, Collation, Size, and Overhead. The tables listed are:

Table	Action	Rows	Type	Collation	Size	Overhead
banks	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
bank_transactions	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
brands	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
cash_books	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
categories	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
company_infos	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
customers	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
customer_advances	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
customer_ledgers	★ Browse Structure Search Insert Empty Drop	6	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
expenses	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
expense_categories	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
failed_jobs	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
migrations	★ Browse Structure Search Insert Empty Drop	30	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
password_resets	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
payable_ledgers	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
products	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
product_sales	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
purchases	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
purchase_products	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
purchase_returns	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
purchase_return_items	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
receivable_ledgers	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
sales	★ Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
sale_returns	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
sale_return_items	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
suppliers	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-

Figure 5.1.1.2: Tables for the total database design

5.2 Implementation of Front-End Design:

"Ecom-Sheba" is designed following reactive guidelines. Computer and tab screen, the front-end interface is completely sensitive. I have used various programming languages on this website, such as **HTML5**, **CSS3**, **JQuery**, and **JavaScript**. I used a system called **Bootstrap** to make the front-end interactive and futuristic.

5.3 Implementation of Interactions:

An implementation in computer science is the comprehension and deployment of a technical specification or technique as a program, software component, or another computer system through programming. Several implementations of a specification or standard are possible. Web browsers, for example, implement World Wide Web organization-suggested standards, and development tools facilitate the execution of such standards.

5.4 Testing Implementation:

System testing is a test in which the administrator is given information about the product or service being evaluated. From the admin login, device testing has begun. For each method examination, errors are checked and corrected. All operations are brought together in a specific test setting and then tested for mistakes in this step.

By analyzing the current system's input and output, I've completed the system analysis. In the beginning of the research, I used the SDLC (Device Development Life Cycle). I validated the entire method by using some acceptable input data. The output is correct, and it is extracted based on the output. The data is analyzed in data analysis.

5.5 Test Results and Reports:

System testing is an examination in which knowledge about the product or service under evaluation is given to the Admin. Testing of the system began,

- Admin login and sign up testing
- Product upload testing.
- Product upload testing
- Customer add testing
- Supplier testing
- Add purchase testing
- Sales testing
- Bank Payment testing

Chapter 6

Conclusion and Future Scope

6.1 Introduction

Even though my goal was to achieve a completed system with high precision .I managed to create a framework and an instruction on how to create an application for a web-based online Inventory system. Inventory control is a way of doing business and In the responsibility of nearly every other function in a company. Inventory Management System can help to manage inventory well during business operation. Overcome some business problems, like overstock and transaction record. I have seen many errors and fixed them and tried my best to move forward with progress and I hope to continue working with the project to improve its features and functionality.

6.2 System Development:

I completed system development by following the SDLC-System Development Life Cycle. The data was identified according to the device requirements from the input analysis during the data analysis. Data is gathered from a variety of sources in this manner. The product requirements are collected from the inventory administrator at the start of the development phase.

6.3 Scope for future development:

The framework was created with the possibility of advancement in mind. I have a lot more plans for this system in the future, and I'm going to add some more features to it. After graduation, I hope to be able to extend the system and lessen the system's limitations in a short period of time. This project also has the potential for changes, such as:

- Firstly I will develop web inventory application and my application admin get many benefits.
 - I will add more features for my system. So that the users get many benefits.
 - The efficiency of the web application can be improved.
 - I will add accounting section in my web application.
- The admin may sign up directly for the system and start selling.

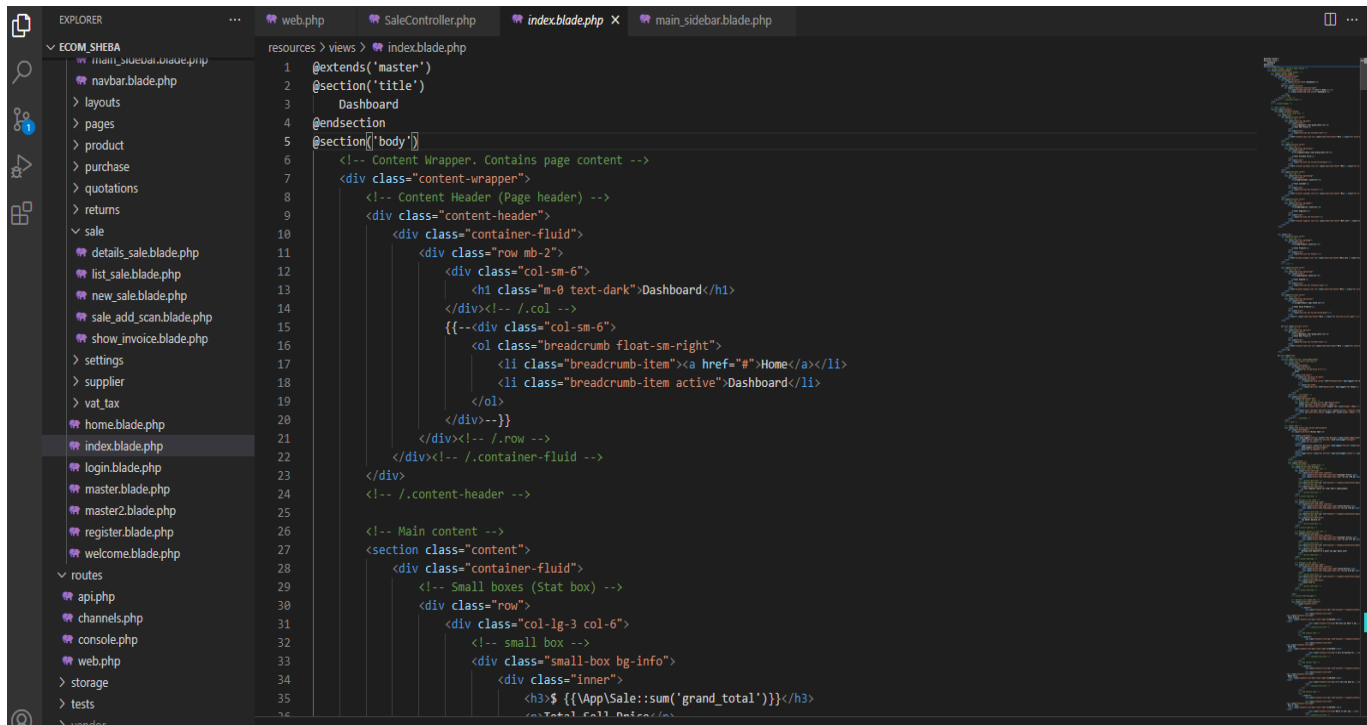
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Appendix A

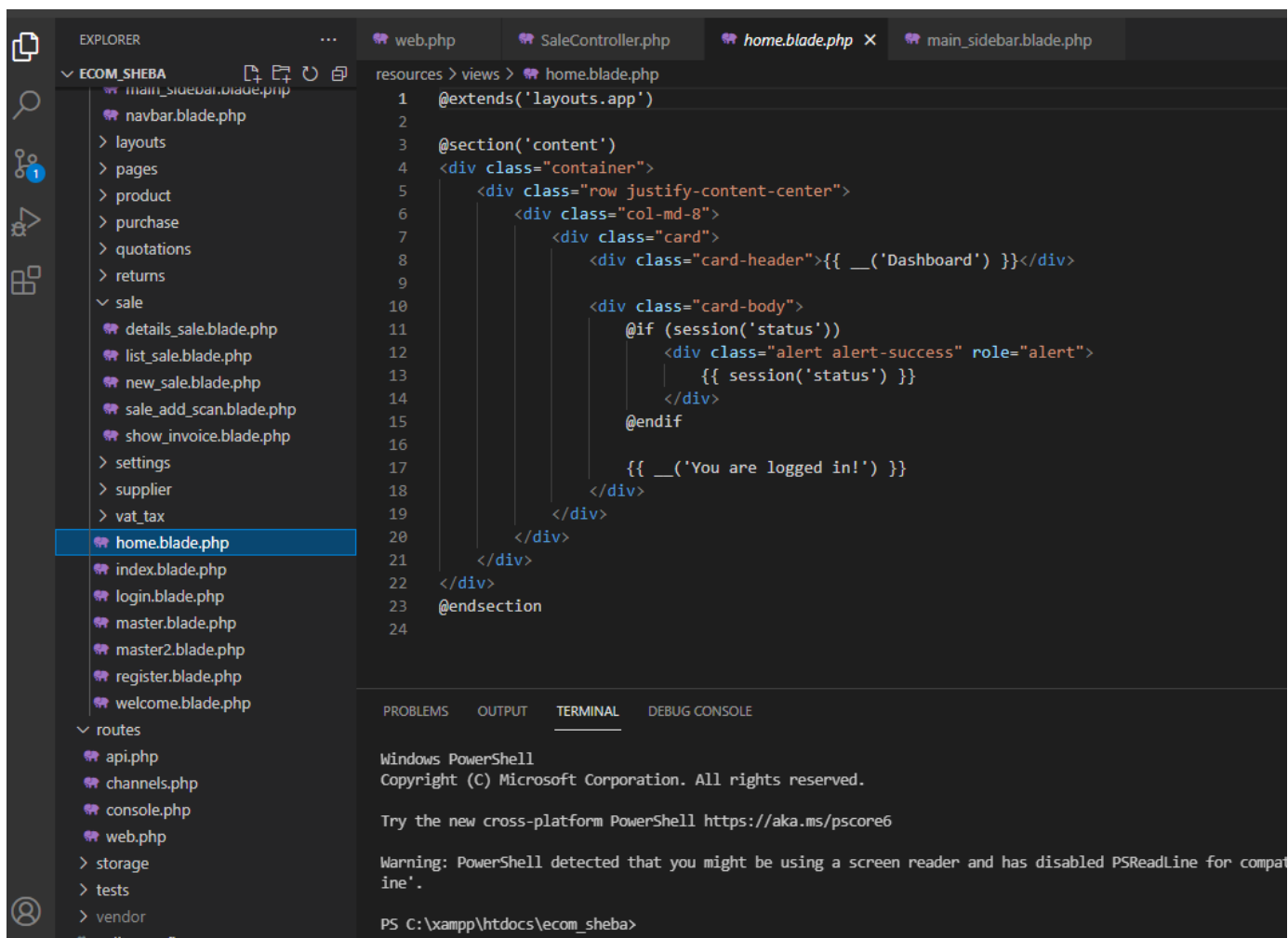
Project Reflection

Index.blade.php



```
1 @extends('master')
2 @section('title')
3     Dashboard
4 @endsection
5 @section('body')
6     <!-- Content Wrapper. Contains page content -->
7     <div class="content-wrapper">
8         <!-- Content Header (Page header) -->
9         <div class="content-header">
10             <div class="container-fluid">
11                 <div class="row mb-2">
12                     <div class="col-sm-6">
13                         <h1 class="m-0 text-dark">Dashboard</h1>
14                     </div><!-- /.col -->
15                     <!--><div class="col-sm-6">
16                         <ol class="breadcrumb float-sm-right">
17                             <li class="breadcrumb-item"><a href="#">Home</a></li>
18                             <li class="breadcrumb-item active">Dashboard</li>
19                         </ol>
20                     </div><!-->
21                 </div><!-- /.row -->
22             </div><!-- /.content-header -->
23         </div>
24         <!-- Main content -->
25         <section class="content">
26             <div class="container-fluid">
27                 <!-- Small boxes (Stat box) -->
28                 <div class="row">
29                     <div class="col-lg-3 col-6">
30                         <!-- small box -->
31                         <div class="small-box bg-info">
32                             <div class="inner">
33                                 <h3>{{App\Sale::sum('grand_total')}}</h3>
34                                 <!-- Total Call Referrals -->
35                             </div>
36                         </div>
37                     </div>
38                 </div>
39             </div>
40         </section>
41     </div>
42 @endsection
```

Home.blade.php



```
1  @extends('layouts.app')
2
3  @section('content')
4      <div class="container">
5          <div class="row justify-content-center">
6              <div class="col-md-8">
7                  <div class="card">
8                      <div class="card-header">{{ __('Dashboard') }}</div>
9
10                     <div class="card-body">
11                         @if (session('status'))
12                             <div class="alert alert-success" role="alert">
13                                 {{ session('status') }}
14                             </div>
15                         @endif
16
17                         {{ __('You are logged in!') }}
18                     </div>
19                 </div>
20             </div>
21         </div>
22     </div>
23 @endsection
```

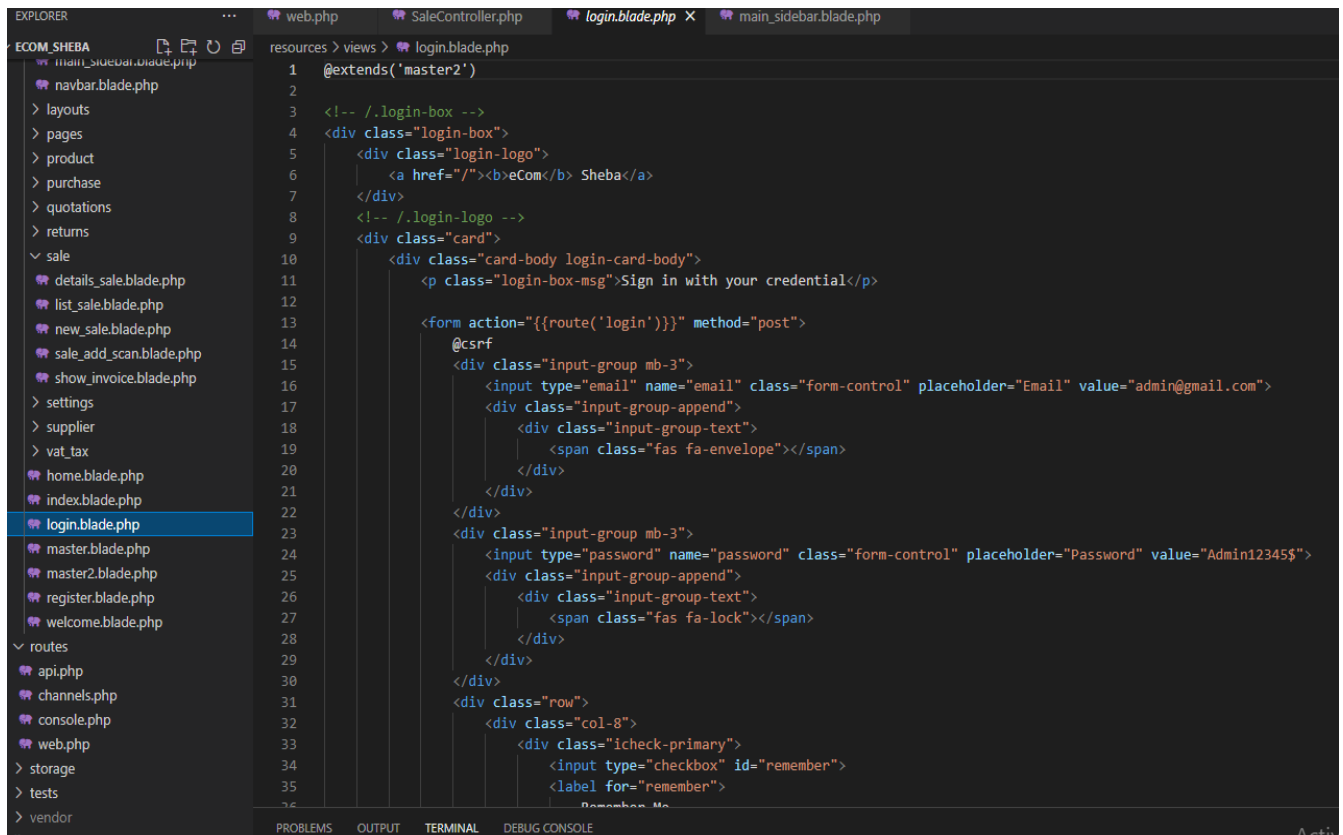
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell <https://aka.ms/pscore6>

Warning: PowerShell detected that you might be using a screen reader and has disabled PSReadLine for compatibility.

PS C:\xampp\htdocs\ecom_sheba>

Login.blade.php



```
1 @extends('master2')
2
3 <!-- /.login-box -->
4 <div class="login-box">
5     <div class="login-logo">
6         <a href="/"><b>eCom</b> Sheba</a>
7     </div>
8     <!-- /.login-logo -->
9     <div class="card">
10         <div class="card-body login-card-body">
11             <p class="login-box-msg">Sign in with your credential</p>
12
13             <form action="{{route('login')}}" method="post">
14                 @csrf
15                 <div class="input-group mb-3">
16                     <input type="email" name="email" class="form-control" placeholder="Email" value="admin@gmail.com">
17                     <div class="input-group-append">
18                         <div class="input-group-text">
19                             <span class="fas fa-envelope"></span>
20                         </div>
21                     </div>
22                 </div>
23                 <div class="input-group mb-3">
24                     <input type="password" name="password" class="form-control" placeholder="Password" value="Admin12345$">
25                     <div class="input-group-append">
26                         <div class="input-group-text">
27                             <span class="fas fa-lock"></span>
28                         </div>
29                     </div>
30                 </div>
31                 <div class="row">
32                     <div class="col-8">
33                         <div class="icheck-primary">
34                             <input type="checkbox" id="remember">
35                             <label for="remember">
36                                 Remember Me
37                             </label>
38                         </div>
39                     </div>
40                 </div>
41             </form>
42         </div>
43     </div>
44 </div>
```



```
22 </div>
23 <div class="input-group mb-3">
24     <input type="password" name="password" class="form-control" placeholder="Password" value="Admin12345$">
25     <div class="input-group-append">
26         <div class="input-group-text">
27             <span class="fas fa-lock"></span>
28         </div>
29     </div>
30 </div>
31 <div class="row">
32     <div class="col-8">
33         <div class="icheck-primary">
34             <input type="checkbox" id="remember">
35             <label for="remember">
36                 Remember Me
37             </label>
38         </div>
39     </div>
40     <!-- /.col -->
41     <div class="col-4">
42         <button type="submit" class="btn btn-primary btn-block">Sign In</button>
43     </div>
44     <!-- /.col -->
45 </div>
46 </form>
47
48 {{--<p class="mb-1">
49     <a href="">I forgot my password</a>
50 </p>--}}
51 </div>
52 <!-- /.login-card-body -->
53 </div>
54 </div>
55
```

Register.blade.php

```
1 @extends('master2')
2
3 <!-- /.register-box -->
4 <div class="register-box">
5     <div class="register-logo">
6         <a href="/"><b>Admin</b>LTE</a>
7     </div>
8
9     <div class="card">
10         <div class="card-body register-card-body">
11             <p class="login-box-msg">Register a new member</p>
12
13             <form action="{{route('register')}}" method="post">
14                 @csrf
15                 <div class="input-group mb-3">
16                     <input type="text" class="form-control" placeholder="Full name">
17                     <div class="input-group-append">
18                         <div class="input-group-text">
19                             <span class="fas fa-user"></span>
20                         </div>
21                     </div>
22                 </div>
23                 <div class="input-group mb-3">
24                     <input type="email" class="form-control" placeholder="Email">
25                     <div class="input-group-append">
26                         <div class="input-group-text">
27                             <span class="fas fa-envelope"></span>
28                         </div>
29                     </div>
30                 </div>
31                 <div class="input-group mb-3">
32                     <select name="role" class="form-control" required>
33                         <option value="">Super Admin</option>
34                         <option value="">Admin</option>
35                         <option value="">Manager</option>
36                     </select>
37                 </div>
38             </form>
39         </div>
40     </div>
41 </div>
```

```

37 |         <option value="">Sales Man</option>
38 |     </select>
39 |     <div class="input-group-append">
40 |         <div class="input-group-text">
41 |             <span class="fas fa-user-cog"></span>
42 |         </div>
43 |     </div>
44 | </div>
45 | <div class="input-group mb-3">
46 |     <input type="password" class="form-control" placeholder="Password">
47 |     <div class="input-group-append">
48 |         <div class="input-group-text">
49 |             <span class="fas fa-lock"></span>
50 |         </div>
51 |     </div>
52 | </div>
53 | <div class="input-group mb-3">
54 |     <input type="password" class="form-control" placeholder="Retype password">
55 |     <div class="input-group-append">
56 |         <div class="input-group-text">
57 |             <span class="fas fa-lock"></span>
58 |         </div>
59 |     </div>
60 | </div>
61 | <div class="row">
62 |     <div class="col-12">
63 |         <button type="submit" class="btn btn-primary btn-block">Register</button>
64 |     </div>
65 | <!-- /.col -->
66 | </div>
67 | </form>
68 | </div>
69 | <!-- /.form-box -->
70 | </div><!-- /.card -->
71 | </div>

```

Web.php (All Route list)

```

4 |
5 | /*
6 |  * Web Routes
7 |  *
8 |  * Here is where you can register web routes for your application. These
9 |  * routes are loaded by the RouteServiceProvider within a group which
10 |  * contains the "web" middleware group. Now create something great!
11 |  */
12 |
13 | Route::get('/cc', function () {
14 |     \Artisan::call('cache:clear');
15 |     \Artisan::call('view:clear');
16 |     \Artisan::call('route:clear');
17 |     \Artisan::call('config:clear');
18 |     \Artisan::call('config:cache');
19 |     return 'DONE';
20 | });
21 |
22 | Auth::routes();
23 | Route::get('/', 'HomeController@index')->name('index');
24 |
25 | //sale
26 | Route::get('/sale-add', 'SaleController@saleAdd')->name('sale.add');
27 | Route::post('/sale-add', 'SaleController@saleStore');
28 | Route::get('/sale-list', 'SaleController@saleList')->name('sale.list');
29 | Route::get('/sale-details/{id}', 'SaleController@saleDetails')->name('sale.details');
30 | Route::get('/sale-add-scan', 'SaleController@saleAddScan')->name('sale.add.scan');
31 | Route::post('/sale-add-scan', 'SaleController@saleAddScanStore');
32 | Route::post('/sale-add-customer', 'SaleController@saleCustomerCreate')->name('sale.add.customer');
33 | Route::post('/sale_customer_search', 'SaleController@saleCustomerSearch')->name('sale_customer_search');
34 | Route::post('/sale-product_search', 'SaleController@saleProductSearch')->name('sale_product_search');
35 |

```

ECOM_SHEBA

new_sale.blade.php

sale_add_scan.blade.php

show_invoice.blade.php

settings

supplier

vat_tax

home.blade.php

index.blade.php

login.blade.php

master.blade.php

master2.blade.php

register.blade.php

welcome.blade.php

routes

api.php

channels.php

console.php

web.php

storage

tests

vendor

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.env

.env.example

.gitattributes

.gitignore

.htaccess

.styleci.yml

artisan

composer.json

composer.lock

package-lock.json

routes > web.php

89 //customer

90 Route::get('/customer-add', 'CustomerController@customerAdd')->name('customer.add');

91 Route::post('/customer-add', 'CustomerController@customerCreate');

92 Route::get('/customer-edit/{id}', 'CustomerController@customerEdit')->name('customer.edit');

93 Route::put('/customer-update/{id}', 'CustomerController@customerUpdate')->name('customer.update');

94 Route::get('/customer-delete/{id}', 'CustomerController@customerDelete')->name('customer.delete');

95 Route::get('/customer-list', 'CustomerController@customerList')->name('customer.list');

96 Route::get('/customer-ledger', 'CustomerController@customerLedger')->name('customer.ledger');

97 Route::get('/customer-credit', 'CustomerController@creditCustomer')->name('customer.credit');

98 Route::get('/customer-paid', 'CustomerController@paidCustomer')->name('customer.paid');

99 Route::get('/customer-advance', 'CustomerController@advanceCustomer')->name('customer.advance');

100 Route::post('/customer-advance-store', 'CustomerController@advanceCustomerStore')->name('customer.advance.store');

101

102

103 //supplier

104 Route::get('/supplier-add', 'SupplierController@supplierAdd')->name('supplier.add');

105 Route::post('/supplier-add', 'SupplierController@supplierCreate');

106 Route::get('/supplier-edit/{id}', 'SupplierController@supplierEdit')->name('supplier.edit');

107 Route::put('/supplier-update/{id}', 'SupplierController@supplierUpdate')->name('supplier.update');

108 Route::get('/supplier-list', 'SupplierController@supplierList')->name('supplier.list');

109 Route::get('/supplier-ledger', 'SupplierController@supplierLedger')->name('supplier.ledger');

110 Route::post('/supplier-search', 'SupplierController@supplierSearch')->name('supplier.search');

111 Route::get('/supplier-advance', 'SupplierController@supplierAdvance')->name('supplier.advance');

112 Route::post('/supplier-advance-store', 'SupplierController@supplierAdvanceStore')->name('supplier.advance.store');

113

114

115 //purchase

116 Route::get('/purchase-add', 'PurchaseController@purchaseAdd')->name('purchase.add');

117 Route::post('/purchase-add', 'PurchaseController@purchaseStore');

118 Route::get('/purchase-details/{id}', 'PurchaseController@purchaseDetails')->name('purchase.details');

119 Route::get('/purchase-list', 'PurchaseController@purchaseList')->name('purchase.list');

120 Route::get('/purchase-edit/{id}', 'PurchaseController@purchaseEdit')->name('purchase.edit');

121 Route::post('/purchase-update/{id}', 'PurchaseController@purchaseUpdate')->name('purchase.update');

122 Route::get('/purchase-delete/{id}', 'PurchaseController@purchaseDelete')->name('purchase.delete');

123

ECOM_SHEBA

show_invoice.blade.php

settings

supplier

vat_tax

home.blade.php

index.blade.php

login.blade.php

master.blade.php

master2.blade.php

register.blade.php

welcome.blade.php

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channels.php

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.env

.env.example

.gitattributes

.gitignore

.htaccess

.styleci.yml

artisan

composer.json

composer.lock

package-lock.json

routes > web.php

124

125 //settings

126 Route::get('/settings-manage-company', 'SettingsController@manageCompany')->name('settings.manage_company');

127 Route::post('/settings-manage-company', 'SettingsController@createCompanyInfo');

128

129

130

131 /*//for quotation section

132 Route::get('/quotation-add', 'QuotationController@quotationAdd')->name('quotation.add');

133 Route::get('/quotation-manage', 'QuotationController@quotationManage')->name('quotation.manage');/*

134

135

136 //expense

137 Route::get('/expense-add', 'ExpenseController@expenseAdd')->name('expense.add');

138 Route::post('/expense-add', 'ExpenseController@expenseStore');

139 Route::get('/expense-list', 'ExpenseController@expenseList')->name('expense.list');

140 Route::get('/expense-delete/{id}', 'ExpenseController@expenseDelete')->name('expense.delete');

141 Route::get('/expense-category-add', 'ExpenseController@expenseCategoryAdd')->name('expense.category.add');

142 Route::post('/expense-category-add', 'ExpenseController@expenseCategoryStore');

143 Route::get('/expense-category-delete/{id}', 'ExpenseController@expenseCategoryDelete')->name('expense.category.delete');

144 Route::get('/expense-category-list', 'ExpenseController@expenseCategoryList')->name('expense.category.list');

145

146

147 /*//for return section

148 Route::get('/return-add', 'RReturnController@returnAdd')->name('return.add');

149 Route::get('/return-manage', 'RReturnController@returnManage')->name('return.manage');/*

150

151

152 //Bank

153 Route::get('/bank-add', 'BankController@bankAdd')->name('bank.add');

154 Route::post('/bank-add', 'BankController@bankStore');

155 Route::get('/bank-list', 'BankController@bankList')->name('bank.list');

156 Route::get('/bank-edit/{id}', 'BankController@bankEdit')->name('bank.edit');

157 Route::post('/bank-update/{id}', 'BankController@bankUpdate')->name('bank.update');

158 Route::get('/bank-transaction-add', 'BankController@bankTransactionAdd')->name('bank.transaction.add');

```

E:\ecom_sheba\resources\views> web.php
routes > web.php
145
146
147  /*for return section
148  Route::get('/return-add', 'RReturnController@returnAdd')->name('return.add');
149  Route::get('/return-manage', 'RReturnController@returnManage')->name('return.manage');*/
150
151
152  //Bank
153  Route::get('/bank-add', 'BankController@bankAdd')->name('bank.add');
154  Route::post('/bank-add', 'BankController@bankStore');
155  Route::get('/bank-list', 'BankController@bankList')->name('bank.list');
156  Route::get('/bank-edit/{id}', 'BankController@bankEdit')->name('bank.edit');
157  Route::post('/bank-update/{id}', 'BankController@bankUpdate')->name('bank.update');
158  Route::get('/bank-transaction-add', 'BankController@bankTransactionAdd')->name('bank.transaction.add');
159  Route::post('/bank-transaction-add', 'BankController@bankTransactionStore');
160
161
162  //vat/tax
163  Route::get('/vat-tax-manage', 'VatTaxController@vatTaxManage')->name('vat-tax.manage');
164  Route::post('/vat-tax-manage', 'VatTaxController@vatTaxCreate');
165  Route::get('/vat-tax-report', 'VatTaxController@vatTaxReport')->name('vat-tax.report');
166
167

```

Admin_layouts.blade.php

```

File Edit Selection View Go Run Terminal Help
admin_layouts.blade.php - diushop - Visual Studio Code
app.blade.php web.php admin_layouts.blade.php x index.blade.php
resources > views > admin > admin_layouts.blade.php > html > body > div:sl-sideleft > div:sl-sideleft-menu
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <!-- Required meta tags -->
5 <meta charset="utf-8">
6 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7 <!-- Meta -->
8 <meta name="description" content="Premium Quality and Responsive UI for Dashboard.">
9 <meta name="author" content="ThemePixels">
10
11 <title>Diu-Shop Admin Panel</title>
12
13 <!-- vendor css -->
14 <link href="{{ asset('public/backend/lib/font-awesome/css/font-awesome.css') }}" rel="stylesheet">
15 <link href="{{ asset('public/backend/lib/Icons/css/Icons.css') }}" rel="stylesheet">
16 <link href="{{ asset('public/backend/lib/perfect-scrollbar/css/perfect-scrollbar.css') }}" rel="stylesheet">
17 <link href="{{ asset('public/backend/lib/highlightjs/github.css') }}" rel="stylesheet">
18 <link href="{{ asset('public/backend/lib/datatables/jquery.dataTables.css') }}" rel="stylesheet">
19 <link href="{{ asset('public/backend/lib/select2/css/select2.min.css') }}" rel="stylesheet">
20 <link rel="stylesheet" href="{{ asset('public/backend/css/starlight.css') }}">
21 <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/css/toastr.css">
22 <!-- Starlight CSS -->
23 <link rel="stylesheet" href="{{ asset('public/backend/css/starlight.css') }}">
24 <link href="{{ asset('public/backend/lib/datatables/jquery.dataTables.css') }}" rel="stylesheet">
25 <link href="{{ asset('public/backend/lib/summernote/summernote-bs4.css') }}" rel="stylesheet">
26 </head>
27
28 <body>
29
30 @guest
31
32 @else
33

```

```

<body>
    @guest
    @else
    <!-- ***** START: LEFT PANEL ***** -->
    <div class="sl-logo"><a href=""><i class="icon ion-android-star-outline"></i>Dlu-Shop</a></div>
    <div class="sl-sidenav">
        <div class="sl-sidenav-menu">
            <a href="{{ url('admin/home') }}" class="sl-menu-link active">
                <div class="sl-menu-item">
                    <i class="menu-item-icon icon ion-ios-home-outline tx-22"></i>
                    <span class="menu-item-label">Dashboard</span>
                </div></a>
        </div>
        @if(Auth::user()->category == 1)
        <a href="#" class="sl-menu-link">
            <div class="sl-menu-item">
                <i class="menu-item-icon ion-ios-pie-outline tx-20"></i>
                <span class="menu-item-label">Category</span>
                <i class="menu-item-arrow fa fa-angle-down"></i>
            </div></a>
            <ul class="sl-menu-sub nav flex-column">
                <li class="nav-item"><a href="{{ route('categories') }}" class="nav-link">Category</a></li>
                <li class="nav-item"><a href="{{ route('sub.categories') }}" class="nav-link">Sub Category</a></li>
                <li class="nav-item"><a href="{{ route('brands') }}" class="nav-link">Brand</a></li>
            </ul>
        </div>
    @endif
    </div>

```

Home Controller php

```

1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class HomeController extends Controller
8  {
9      /**
10       * Create a new controller instance.
11       *
12       * @return void
13       */
14     public function __construct()
15     {
16         $this->middleware('auth');
17     }
18
19     /**
20      * Show the application dashboard.
21      *
22      * @return \Illuminate\Contracts\Support\Renderable
23      */
24     public function index()
25     {
26         return view('index');
27     }
28
29 }
30

```

Appendix B

Plagiarism Report:

171-15-816

ORIGINALITY REPORT

25%	22%	4%	19%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

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11	es.slideshare.net Internet Source	<1%

Exclude quotes ☐ On Exclude matches ☐ < 10 words
Exclude bibliography ☐ On