Adamson University
College of Engineering
Computer Engineering Department

R-SMS Web Application:

Retail-Stock Management System for Products and Sales Management and Tracking

A Software Design Project

In Partial Fulfillment of the Requirements

For the Degree of Bachelor of Science in Computer Engineering

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I. Introduction

A. Background of the Study

Vrixson Vapeshop

As e-cigarettes or "vapes" have become popular in today's society, although it has been around in the Philippines in earlier years with mod vapes and box type vapes since 2016, that can be refillable with flavored "juice" or e-liquid, that includes nicotine and other liquid-based chemicals. If inhaled releases a "cloud" of smoke vapors much more than a regular tobacco cigarette. Which 56% of Filipinos who uses e-cigarrete says it as an "alternative to tobacco cigarettes". Now, disposable pod vapes are the most common and popular type of vape, rechargeable, cheap, but restricted to only one flavored juice [1].

As the developers were finding a client for this development, a friend of the developer was eager to participate and accept our proposal as a client. The friend's vape shop is then chosen to be the candidate client of the developers, this vape shop would benefit from the application development created by the development team. The Vrixson Vapeshop is a small retail vape shop located at 204 Mauban St., Brgy Manresa, Quezon City. It is a sole proprietorship business owned by young 22 years-old entrepreneur Mark Earvin Herrera. According to him, he was inspired by his uncle that also owned a vape shop, which is fastly growing as more vape consumers and users arise. With his inspiration, Mr. Herrera already planned to make his own self-propreity vape shop since 2023. He then named it as "Vrixson Vapeshop" and established his business later that year. Vrixson VapeShop mostly sells, disposable and refillable vape pods, and some box mods, such as the brands of Shift, Black, Flava, Relx and many others [2].

The shop is running through the traditional method of managing and organizing the inventory recorded in his notebook. This method is risky since he has no backup data, messy tracking, and no security at all. Mr. Herrera is also struggling to monitor the inventory when he is not on-site, limiting his ability to make decisions like restocking for products with low stock levels, managing orders and stock manually is also a hassle to him which sometimes leads to delays and mistake.

An inventory management system is essential for businesses owners like Mr.Herrera to track, organize, and manage their products, which helps them gain profit with no hassle of monitoring their inventory manually. Moreover, inventory management enables businesses to determine which and how much stock to order at what time, and responds to trends to ensure that there is always enough stock to fulfill customer orders and that any shortages are properly reported

Web applications is a effective solution for small businesses owners that is struggling to manage their inventory like Mr. Herrera. It's accessibility with it being low cost at all makes it a ideal choice for small business. Small Business owners can ensure efficient, accurate, secured, and responsive inventory management which makes the business operations run smoothly with no inconvenience

Definition of Terms

Inventory – The complete items listed such as goods in stock with the case of our research.

Inventory Management – The procedure of placing orders, keeping inventory, using it, and selling it for business.

(IMS)Inventory Management System - Businesses track and manage merchandise before it is sold using an inventory management system. Inventory systems, whether automated or manual, aim to reduce the expenses associated with carrying inventory while guaranteeing that there is enough stock on hand to satisfy client demand.

(R-SMS) Retail-Stock Management System - The practice of estimating the amount of inventory that must be kept on hand or in storage for each kind of commodity across all sales channels is known as retail inventory management.

II. Statement of the problem

This software development aims to create a simple and accessible inventory management system for retail businesses, such as the client's business of retailing vape products. The researchers have created an effective inventory management system which can be crucial for the vape shop's success to the retail business. Although, there are still a lot of vape shops that rely on outdated methods in managing such inventories such as the lack of security in keeping records, not able to monitor the inventory remotely, manually keeping tracks of the sales of the shop, and etc. These practices lead to inefficiency and operational challenges that could cost profit loss.

- The vape shop still uses manual, paper-based, ledger system in terms of inventory and sales tracking hence it leads to operational challenges.

- Frequent discrepancies between recorded inventory level and actual stock which leads to inventory inaccuracy.

- Confusion among the staff and the owner of the shop which leads to what products are available and what is not available

- Managing orders and stocks manually may lead to a hassle transaction when they are not on-site

a. *Objectives of the study*

The primary goal of the development is to create and provide a simple, functional, and d feasible web stock management system application that the clients wish to carry out for their retail business and that of what the developers can truly make and build. With this, the development team shall create a stock management system-a modified inventory management system, that is essential for retail businesses. Moreover, this SMS is based on periodic inventory management, Which the SMS web app shall have the functionality to conduct a product management and monitoring, that the developers shall implement. Furthermore, the entirety of the SMS ought to optimize operations, improve operational efficiency, and enhance sellers satisfaction, ultimately driving business growth and competitiveness in today's dynamic marketplace.

With these development general idea in mind, the developers formulate the main objectives of this development. The objectives of this development is to:

- Create a web inventory management application that tracks inventory and sales management which eliminates the manual operations.
- Ensure inventory accuracy to achieve precise inventory tracking, reduce error rates, and enhance stock management reliability.
- To provide real-time visibility of product availability to both staff and the owner that could eliminate confusion about stock levels, ensuring that all team members are aware of current inventory.
- To provide efficient inventory and order management for the business owner and employees, even when they are not present, assuring smooth transactions and operations.

b. *Scope and Delimitations*

This web development focuses on establishing a website application that is easily accessible, cross-platform, yet simple Stock Management System to easily organize, track, and sell the inventory stock of the client's business. This SMS web application is an application deployed on the internet and accessible through web browsers across multiple devices. This SMS web application integrates the commonly used inventory management techniques except tailored for retail enterprises and businesses that sell finished products, such as vape shops, into the web app's functionality along with its data. Such functionality is as follows:

- Dashboard – to track updates and statistical analysis in Stock Inventory, and Sales Records and see how many administrative users use the web app.
- Stock Management – the main purpose of the web application, to keep track of the stock and supply of inventory readily available to sell to their customers, moreover, to organize the products that they add, remove, or update from their inventory.
- Sales Records – to track the latest orders, bought by their customers, that can readily update the stock inventory. This shows the customer's name and what they ordered from the retail business.
- Account Manager – to track and update the administrative users using this web application, such administrative users include the owner and their co-owners in their retail business.

- Profile – to edit, the specific administrative user's admin name and password.

However, this IMS web app is only focused on retail enterprises and businesses, such as vape shops as the clients, or any other retail businesses focused on selling and reselling finished products or goods. Which this R-SiMS, is focused on stock management rather than the whole inventory, such that all products and goods sold are finished products that are ready to sell. Furthermore, an IMS might not be able to adequately manage regulatory compliance with the ingredients, labeling, and packaging of vape products, requiring the use of additional systems or manual monitoring to accurately document batch numbers, expiration dates, and component lists. Moreover, variants of products, like flavors, nicotine levels, or package sizes, are frequently offered by vape shops. These variations may be difficult to handle in a typical IMS without modification or integration with variant management solutions.

III. Methodology

To implement the IMS web application, the development teams chose PHP (Hypertext Preprocessor) as the main language to construct the web application, along with the languages of HTML use the common and latest CSS framework of Bootstrap v5. Moreover, the HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), and JS (JavaScript) for structural design, style and layout, and content interactivity respectively. Furthermore, the developer used XAMPP, the most popular PHP development environment, that creates a virtual environment web server or a local server through Apache that can run PHP language, additionally, it can also host MySQL database.
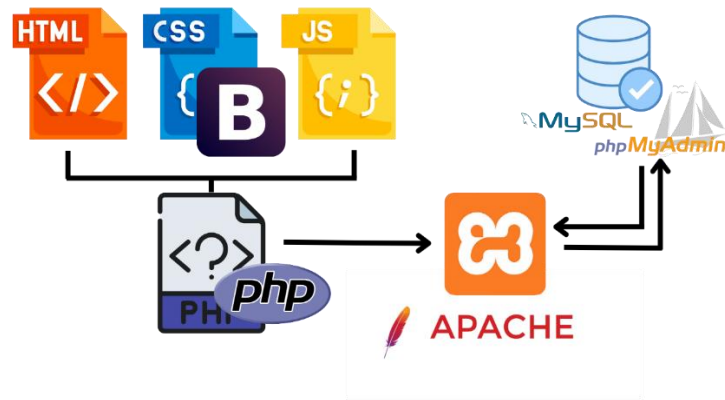
Fig. 1.1

Conceptual Framework

    a. IPO model

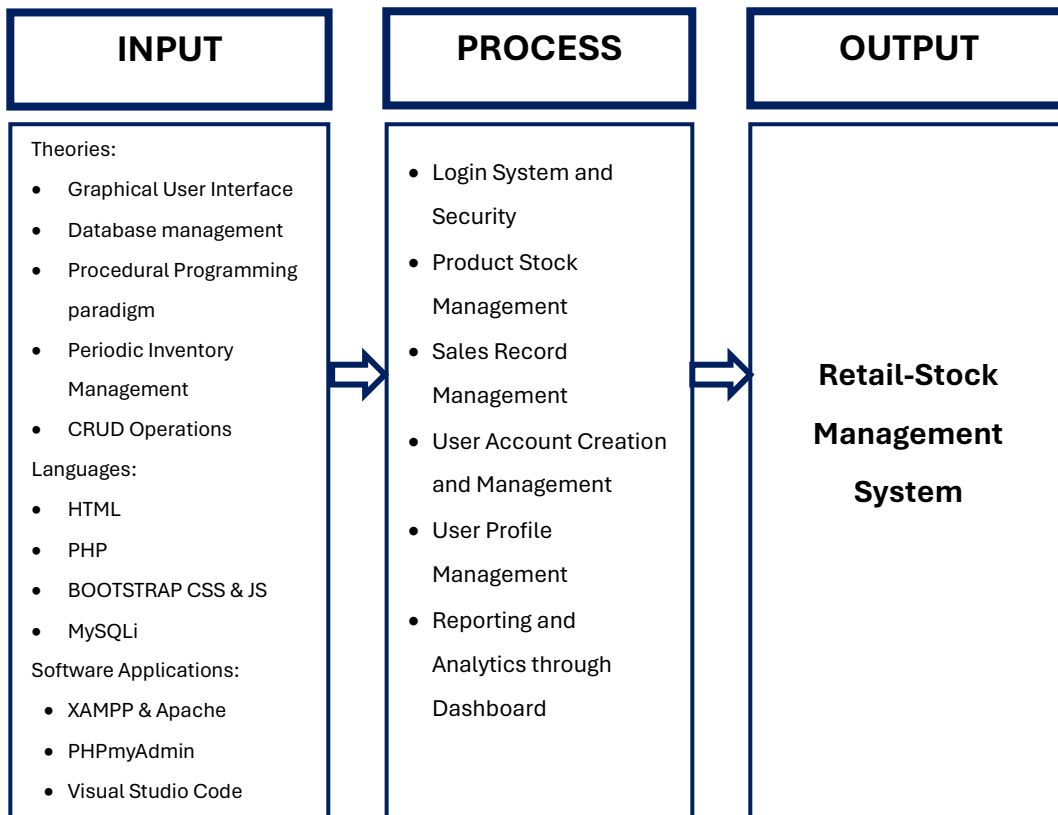| INPUT	PROCESS	OUTPUT
Theories: • Graphical User Interface • Database management • Procedural Programming paradigm • Periodic Inventory Management • CRUD Operations Languages: • HTML • PHP • BOOTSTRAP CSS & JS • MySQLi Software Applications: • XAMPP & Apache • PHPmyAdmin • Visual Studio Code	• Login System and Security • Product Stock Management • Sales Record Management • User Account Creation and Management • User Profile Management • Reporting and Analytics through Dashboard	**Retail-Stock Management System**

Fig 1. 2

In the Input-Process-Output (IPO) model figure 1.2 above, the inputs mainly consists of the paradigm, languages, and software that developers used to create the web app. The developers designed and structuralized the web app with HTML, paired with Bootstrap CSS and JS. As to connect and integrate the web pages, and become responsive and interactive, the developers scripted and the designed web page with PHP and used a procedural programming paradigm approach, as the web application consists of several procedures to implement, regarding security and management. With the use of local server hosting XAMPP and Apache to run the php files of the web pages. Furthermore the MySQLi is used to connect to the database and phpMyAdmin as administrative tool for creating and editing databases.

With this theories, languages, and softwares used the developers created the fundamental process within the R-SMS web app. First is the login system that features as the security of the whole R-SMS preventing unregistered users to access the web app. Next is the product and stock management, the main feature process of the R-SMS focused on editing, tracking, updating, adding, and removing retail products from the database. Then, is the Sales records from the customer and purchasers of their products. User Creation and Management, where the admin user or the owner can add or remove another user account in for the SMS. User Profile Management, where the admin and the other users can edit their profile details name, email, and their login credentials. Lastly, the Reporting and Analytics that integrates and summarizes the stock of products, records of sales, and number of SMS users to display in the Dashboard. Additionally it shows graphs of sales at a point in time that can be filtered through the date.

b. Flowchart

LOGIN PAGE


```
        ┌─────────────┐
        │   START     │
        └─────────────┘
              │
              ▼
        ┌─────────────┐                    ┌───┐  ┌───┐
   ────▶│Enter Website│                    │ G │  │ H │
   │    └─────────────┘                    └───┘  └───┘
   │          │                              │      │
   │          ▼                              │      │
   │    ┌─────────────┐                      │      │
   │    │ Login Page  │◀─────────────────────┘      │
   │    └─────────────┘                             │
   │          │
   │          ▼
   │    ┌─────────────┐
   │    │input admin  │
   │    │username and │
   │    │  password   │
   │    └─────────────┘
   │          │
   │          ▼
   │    ┌─────────────┐      ┌──────────────┐
   │    │   Login     │◀────▶│   R-SMS      │
   │    └─────────────┘      │  Database    │
   │          │              └──────────────┘
   │          ▼
┌──────────┐ ◇ Is username
│ Wrong    │◀─No─ and password
│ username │      in the database
│ and/or   │         │
│ password │        Yes
└──────────┘         │
                     ▼
                   ┌───┐
                   │ A │
                   └───┘
```
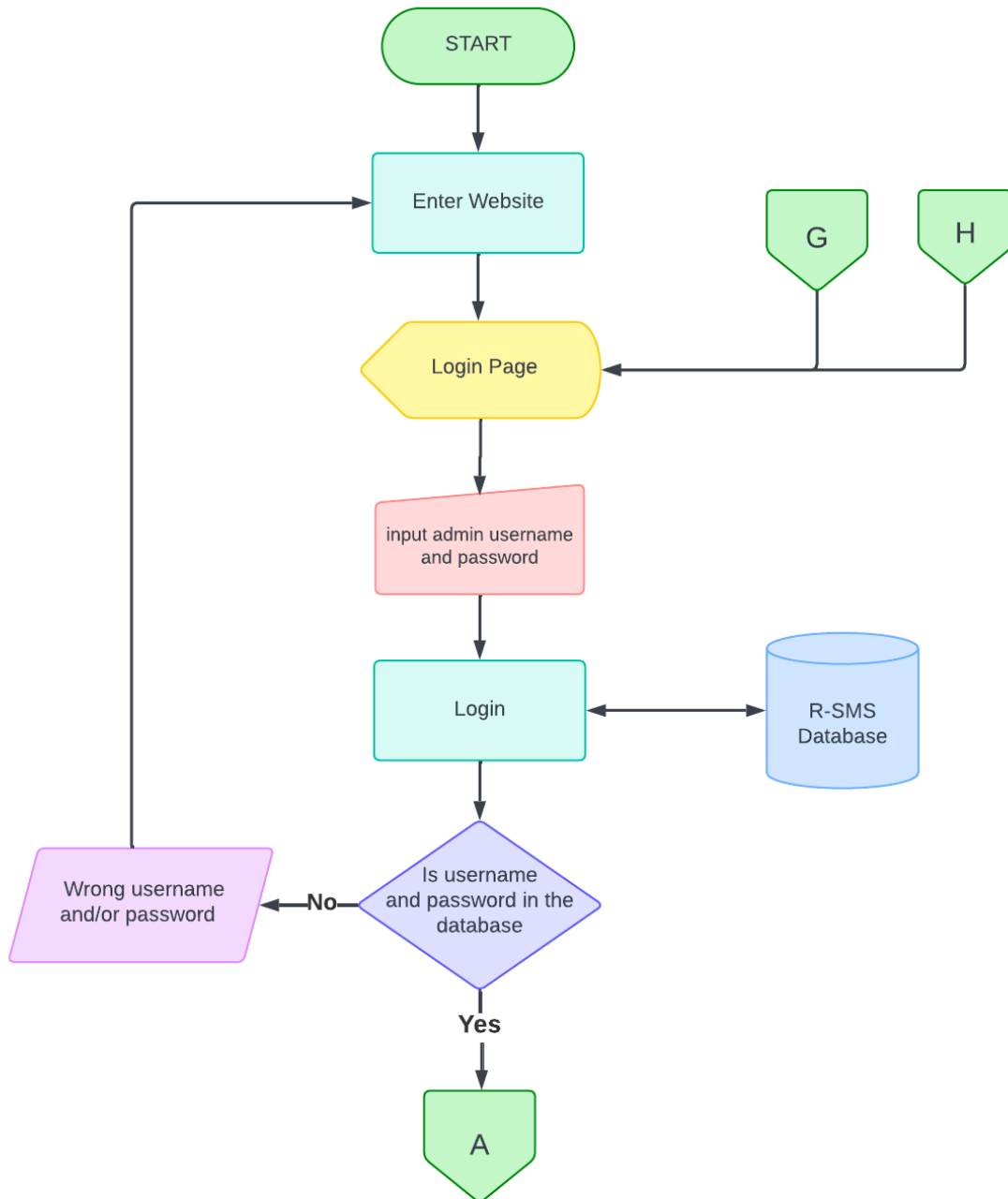
Fig. 2.1

HOME PAGE
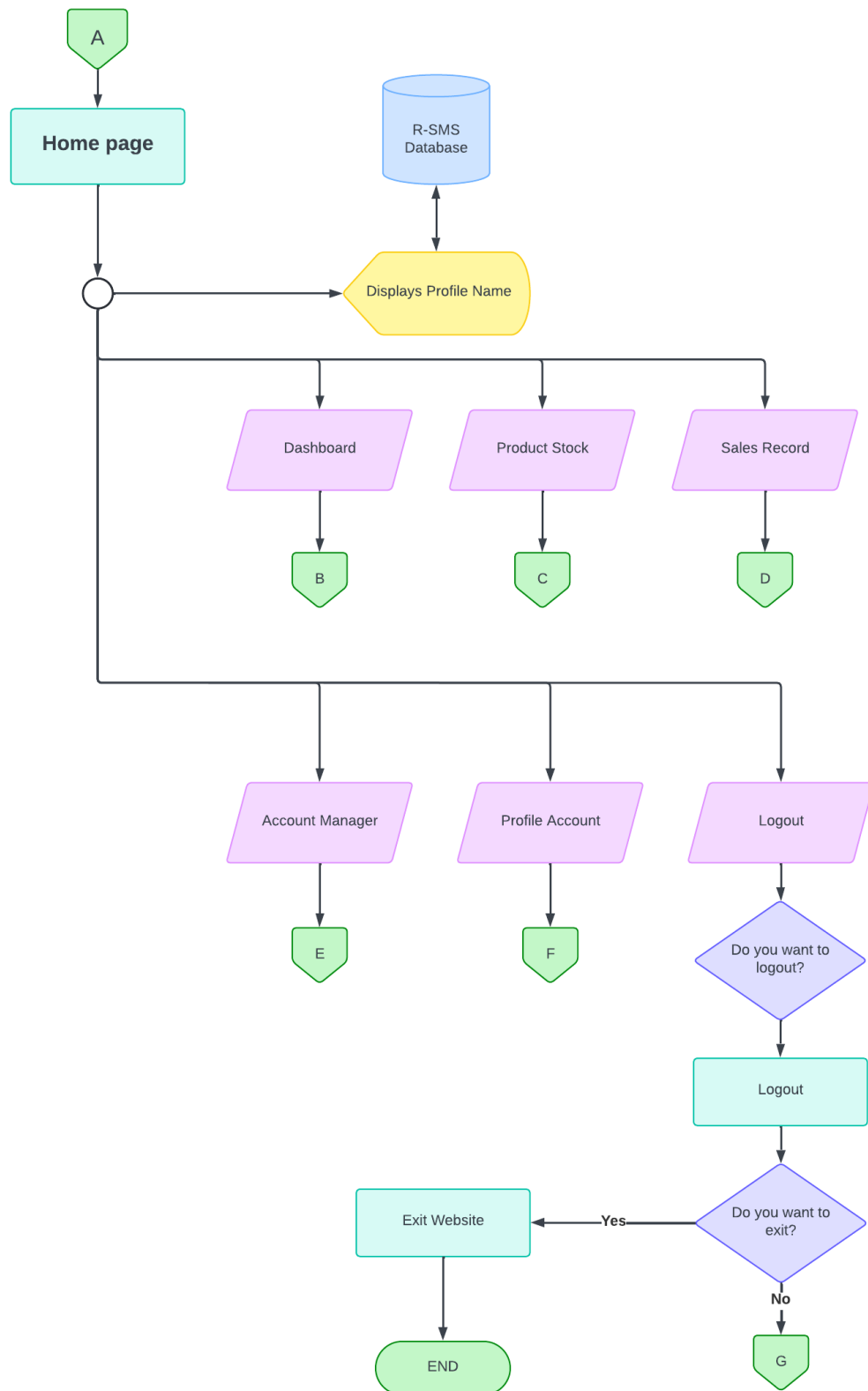
Fig. 2.2

DASHBOARD PAGE
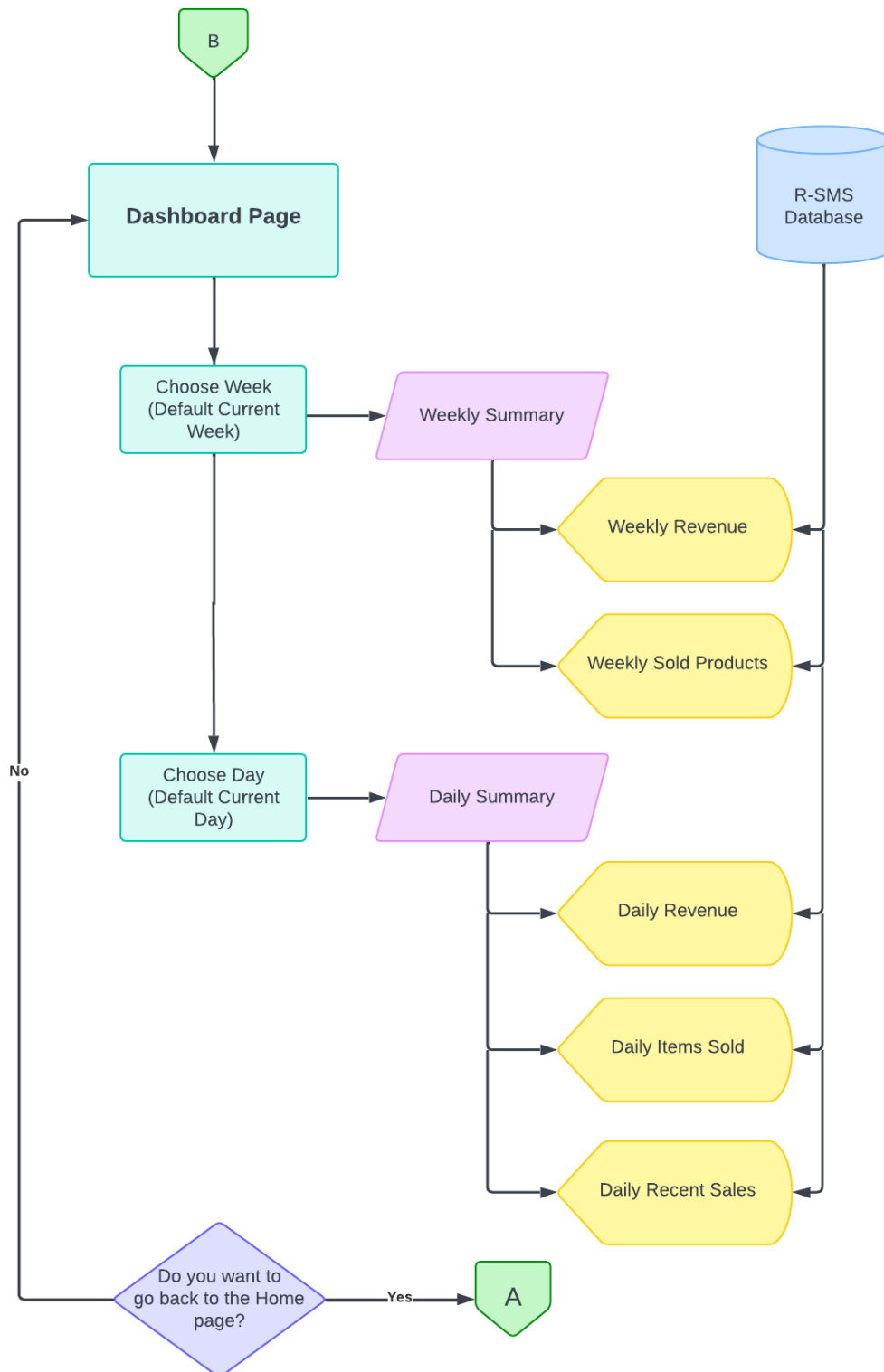
Fig. 2.3

PRODUCT STOCK MANAGEMENT PAGE

C

A

Product Stock
Management

Do you want to
go back to the Home
page?

Yes

No

Products Table

R-SMS
Database

Products
Table

Do you want to
ADD a product

Yes

Add product
details

Add Product

"Product Added"

No

Do you want to
UPDATE a Product

Yes

Edit product
details

Update Product

"Product Updated"

No

Do you want
to REMOVE a
Product

No

Yes

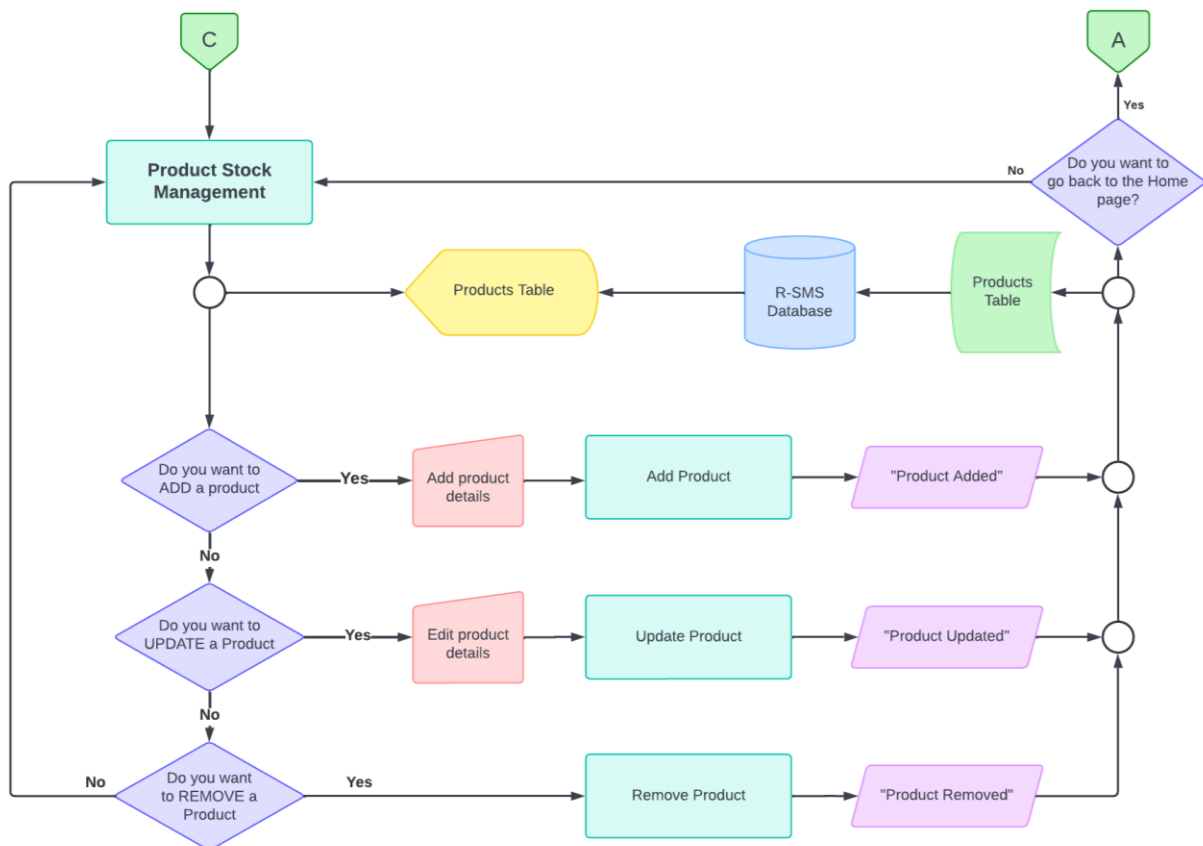Remove Product

"Product Removed"

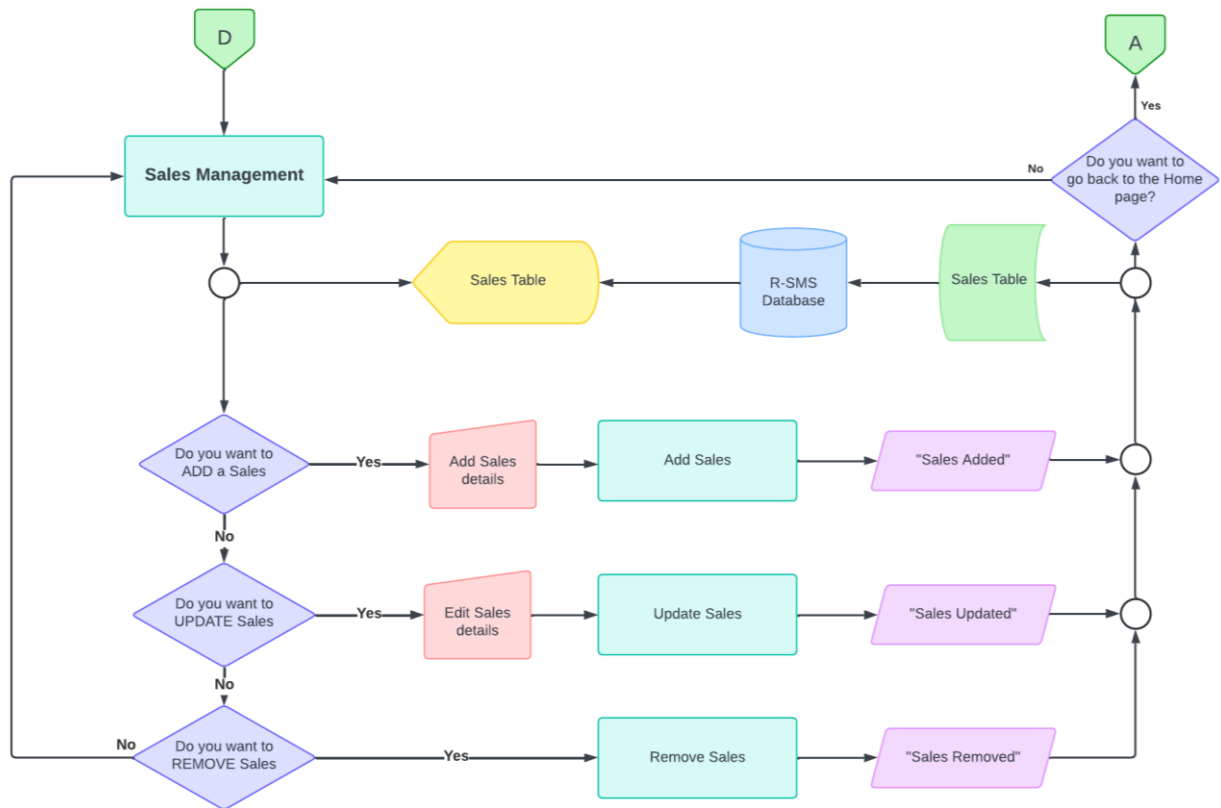Fig. 2.4

SALES RECORD PAGE

Fig. 2.5

USER MANAGEMENT PAGE
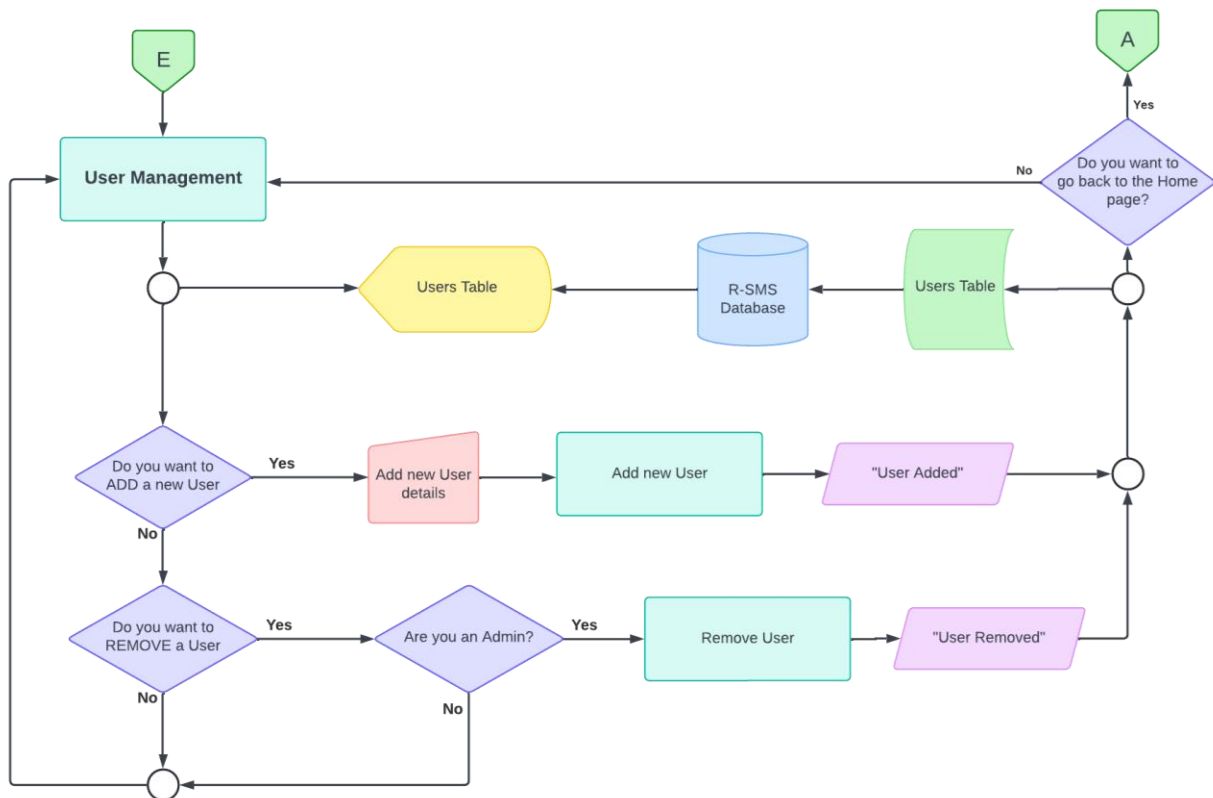
Fig. 2.6

PROFILE ACCOUNT MANAGEMENT
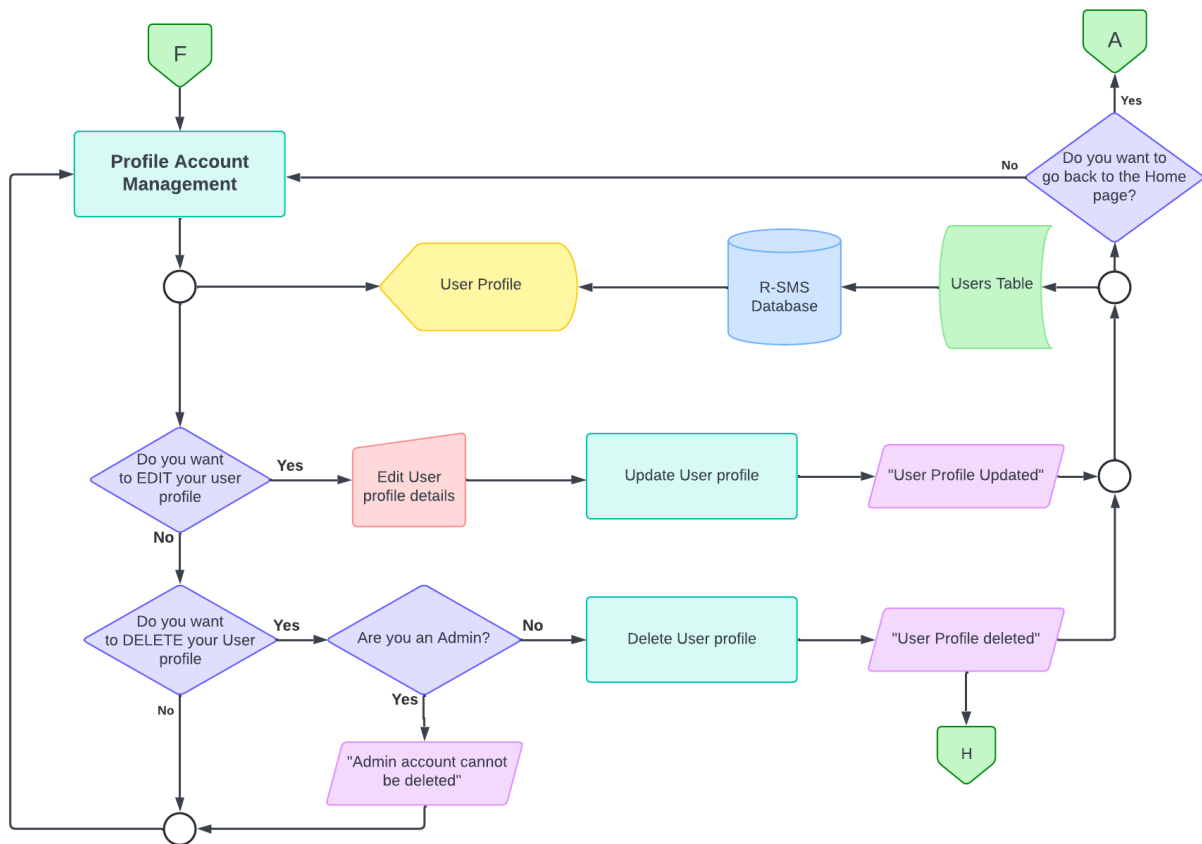
Fig. 2.7

c. Data Flow Diagram

Level 0 – Context Diagram
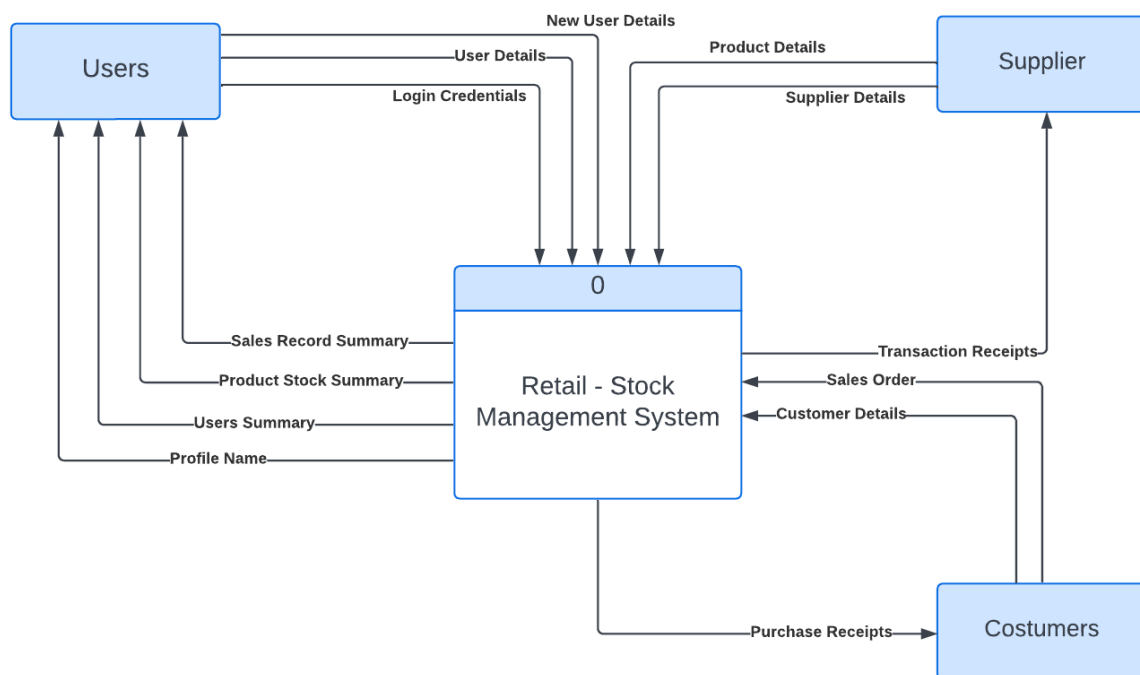
Fig. 3.1

Level 1 – Data Flow Diagram
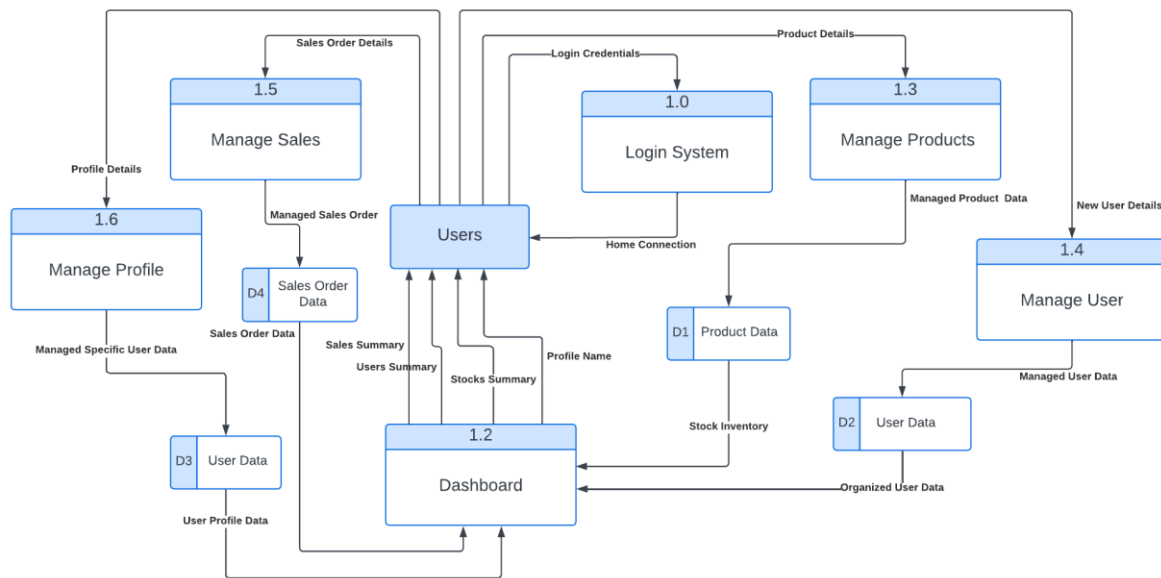
Fig. 3.2

d. Entity Relationship Diagram
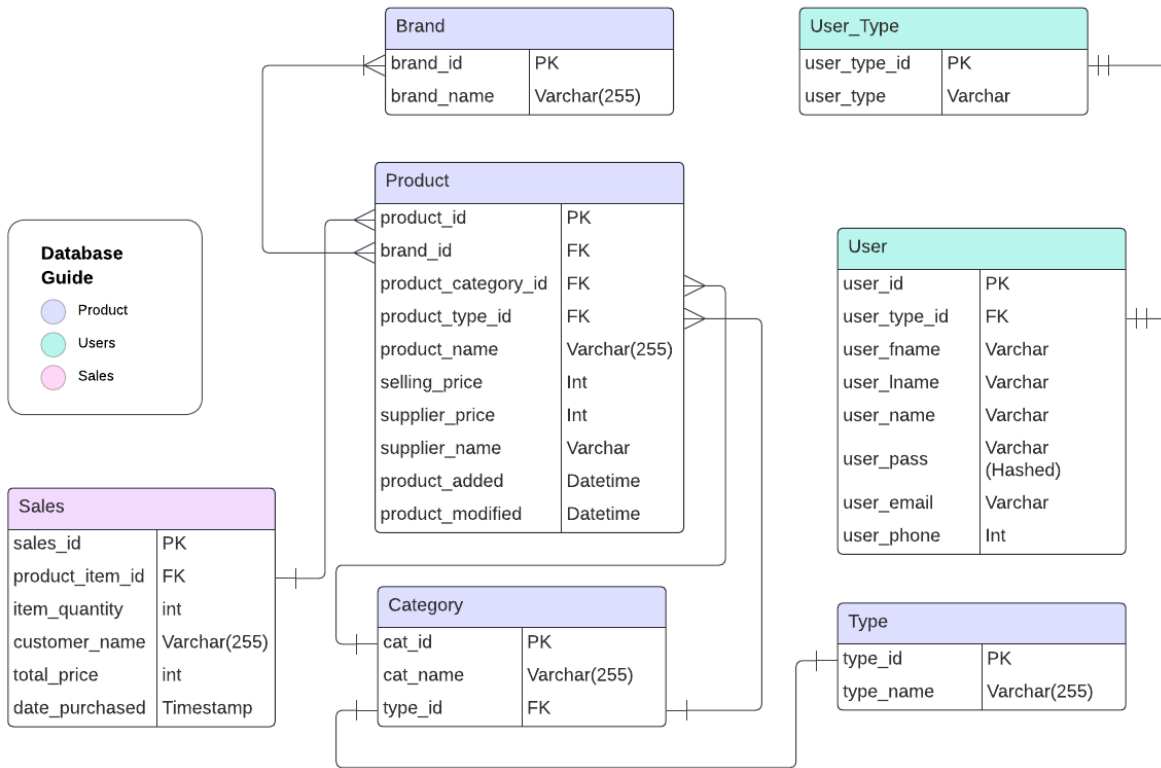
Fig. 4.1

IV.   Testing and Results

Retail-Stock Managament System

Admin Login

Admin Name

Password

LOGIN

"The best preparation for tomorrow is doing your best today." - H. Jackson Brown, Jr.

Email: developer@gmail.com |
Phone: +12 345 6783 902 |
Tel: 012-345-6789 |
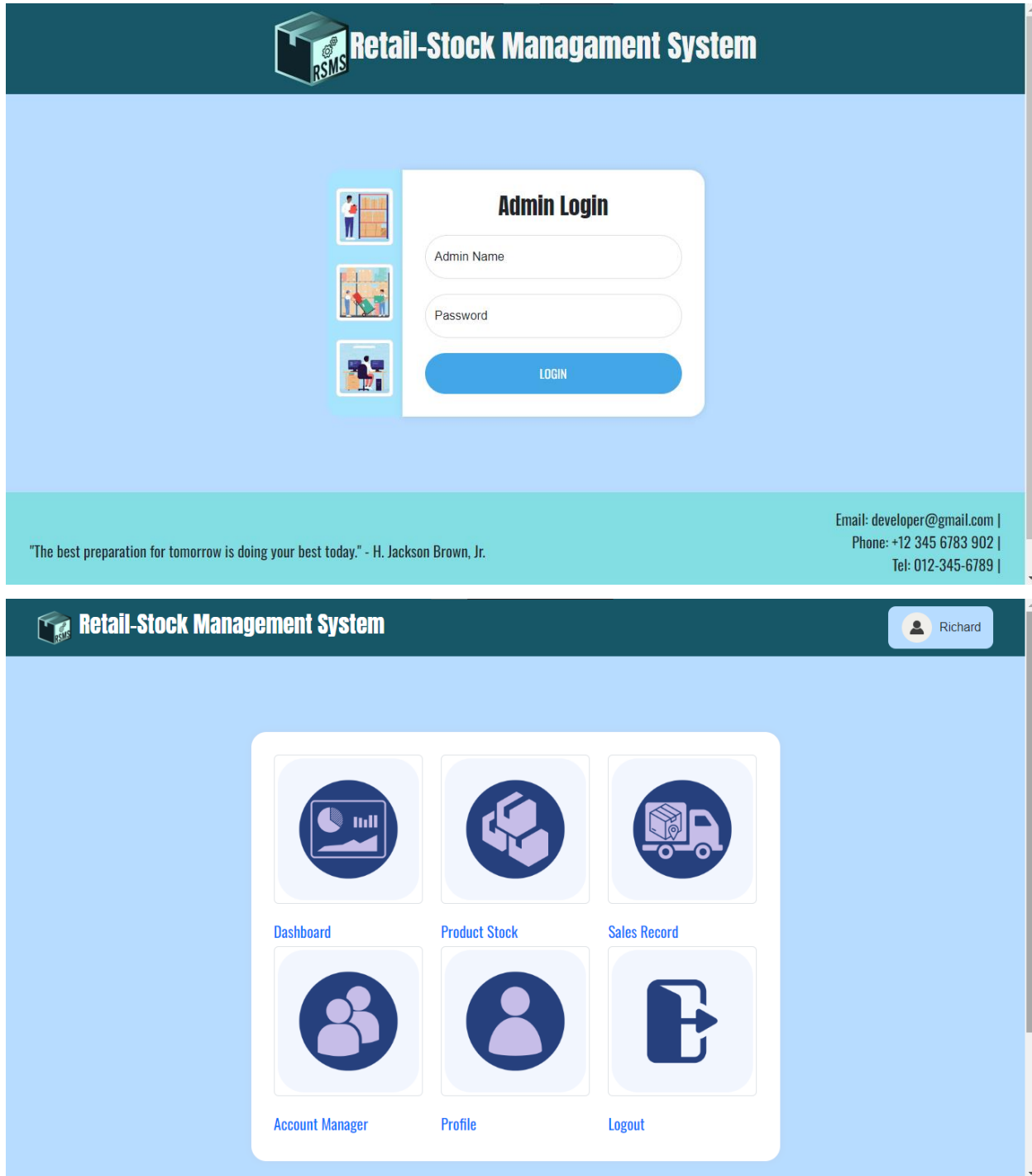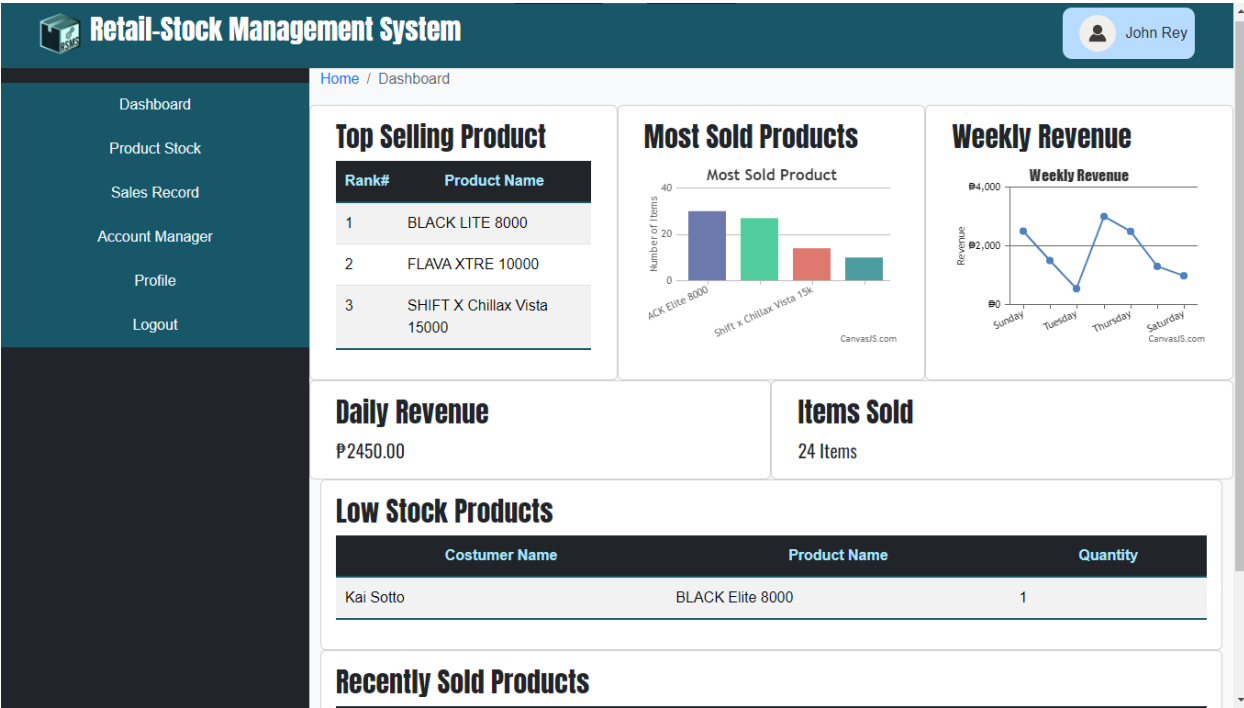
Retail-Stock Management System

Richard

Dashboard

Product Stock

Sales Record

Account Manager

Profile

Logout

Home / Dashboard

Top Selling Product

Rank#	Product Name
1	BLACK LITE 8000
2	FLAVA XTRE 10000
3	SHIFT X Chillax Vista 15000

Most Sold Products

Most Sold Product

Weekly Revenue

Weekly Revenue

Dashboard

Product Stock

Sales Record

Account Manager

Profile

Logout

Daily Revenue

₱2450.00

Items Sold

24 Items

Low Stock Products

Costumer Name	Product Name	Quantity
Kai Sotto	BLACK Elite 8000	1

Recently Sold Products

May 30, 2024, 3:31 AM

Home / Product Stock

Dashboard

Product Stock

Sales Record

Account Manager

Profile

Home

Logout

Product Stock

Add New Product

#ID	Product Name	Category/Type	Stock	Supplier Price	Selling Price	Supplier	Product Added	Product Modified	Action
10	RELX Pod	Vape-disposable pod	30	₱150	₱200	Hev Supplier	2024-05-22 14:53:42	2024-05-22 14:53:42	✏️ 🗑️
11	BLACK Elite V2 12000 prefilled pod	Vape-pod kit e-liquid	23	₱250	₱350	Luca Donkey	2024-05-06 09:55:52	2024-05-22 14:55:52	✏️ 🗑️
12	BLACK Elite V2 device	Vape-pod kit device/battery	10	₱350	₱400	Luca Donkey	2024-05-06 09:16:03	2024-05-30 03:15:59	✏️ 🗑️
14	BLACK Elite 8000	Vape-pod kit e-liquid	13	₱250	₱300	Luca Donkey	2024-05-06 03:17:05	2024-05-30 03:18:25	✏️ 🗑️
15	Flava Maze Pro 10000	Vape-disposable pod	10	₱400	₱500	Air Supplier	2024-05-15 10:20:40	2024-05-30 03:22:14	✏️ 🗑️

Email: developer@gmail.com |
Phone: +12 345 6783 902 |

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Home / Account Manager

User Accounts

Add User

#ID	Name	Email	Phone Number	Username	Edit
7	Anthony Edwards	ant_man@gmail.com	00	ant_man5	🗑
8	Nikola Jokić	Nikola_joker15@yahoo.com	00	Joker15	🗑
9	jin eck	jovs@gmail.com	00	JIn	🗑
10	Thanasis Atetoukambucks	thanasis123@gmail.com	09159539824	thanasis_goat	🗑
11	Lebron James	lbj_goat@yahoo.com	09279439410	lbj_goat	🗑
12	Richard Padilla	rpadilla@microsoft.com	09698271418	richards	🗑

"The best preparation for tomorrow is doing your best today." - H. Jackson Brown, Jr.

Email: developer@gmail.com |
Phone: +12 345 6783 902 |
Tel: 012-345-6789 |

Home / Profile

User Profile

Change Profile Picture

Profile

Name

Richard Padilla

Username

richards

Email

rpadilla@microsoft.com

Phone Number

09698271418

"The best preparation for tomorrow is doing your best today." - H. Jackson Brown, Jr.

Email: developer@gmail.com |
Phone: +12 345 6783 902 |
Tel: 012-345-6789 |

V.   Summary, Conclusion, & Recommendation

Summary

E-cigarettes, or "vapes," have become increasingly popular, with various products like mod vapes and disposable pod vapes becoming prevalent in the Philippines since 2016. Vrixson Vapeshop, a small retail store in Quezon City, is owned by 22-year-old entrepreneur Mark Earvin Herrera. Inspired by his uncle's thriving vape shop, Herrera launched Vrixson Vapeshop in 2023, offering disposable and refillable vape pods from brands like Shift, Black, FLAVA, and RELX. Currently, the shop manages its inventory manually, which leads to risks such as data loss, inaccuracies in inventory, and inefficiencies.

A robust inventory management system (IMS) is essential for small businesses like Vrixson Vape shop to efficiently track, organize, and manage products. This research aims to develop a straightforward, accessible web-based stock management system (R-SMS) to enhance inventory accuracy, provide real-time product visibility, and facilitate remote management. The proposed system will replace manual operations, reduce errors, and improve operational efficiency.

The web application will include features such as a dashboard for tracking updates and sales records, stock management for organizing and updating inventory, purchase order tracking, user management, and profile management. The development will utilize PHP, HTML, CSS, Bootstrap, JavaScript, and XAMPP to create a responsive and interactive system. Implementing this R-SMS will enable Vrixson Vapeshop to achieve secure, efficient, and accurate inventory management, ultimately fostering business growth and competitiveness.

Conclusion

The creation and implementation of a web-based Retail-Stock Management System (R-SMS) for Vrixson Vapeshop mark a crucial step in modernizing inventory management for small

retail businesses. This initiative not only tackles the drawbacks and risks linked with manual inventory tracking but also showcases the potential of technology in revolutionizing business operations. Through the utilization of a robust system developed with contemporary web technologies, Vrixson Vapeshop can achieve higher accuracy, real-time visibility, and streamlined inventory management, ultimately enhancing operational efficiency and competitiveness.

The success of this project emphasizes the significance of integrating technology into small business operations, highlighting that even a small business like Vrixson Vapeshop can derive substantial benefits from digital solutions. As the vape industry continues to expand and evolve, businesses that embrace such innovative approaches will be better equipped to meet customer demands and navigate market dynamics effectively.

In summary, the R-SMS represents more than just an inventory management tool; it is a strategic asset empowering business owner like Mark Earvin Herrera to make informed decisions, optimize operations, and drive sustainable growth. This development project serves as a blueprint for other small retail businesses seeking to modernize their operations and enhance overall efficiency.

Recommendation

In development of this application, the developers met several challenges that made the delimitations of R-SMS web application. The recommendations are the following:

- Use a Web-Based System: Start using a web-based system to manage your shop's inventory. This system will help you keep track of what you have in stock and what you've sold.
- Keep Inventory Accurate: Make sure the system accurately tracks your inventory. This means fewer mistakes and better management of your stock.
- See Stock in Real Time: With the system, you can see what products are available at any time. It also alerts you when you're running low on certain items.
- Manage Orders Easily: The system makes it easier to handle orders, even when you're not at the shop. You can track orders, manage purchases, and restock items promptly.

- Easy to Use: The system should be easy for you and your staff to use. Get training and support to make the most out of it.
- Protect Your Data: Make sure the system keeps your business data safe and regularly backs it up to avoid losing important information.

VI.   Appendixes

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Github project link: https://github.com/JRPayos/SDL_R-SMS.git

SOURCE CODE:

PAGES

index.php

```php
<?php

session_start();
if(isset($_SESSION['admin_username'])) {
    header("location: pages/home.php");
}
else {
    header("location: pages/login.php");
}
?>
```

login.php

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login Page</title>

    <!-- Latest compiled and minified CSS -->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet">

    <!-- Latest compiled JavaScript -->
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.
js"></script>

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

    <!--FONT-->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Anton&family=Oswald:wght@200..70
0&display=swap" rel="stylesheet">
```

```html
</head>
<body>
<div>
    <header class="header-login">
        <div class="container-fluid">
            <div class="row justify-content-between">
                <div class="col-lg-12 col-12">
                    <a class="header-login-text d-flex justify-content-center
align-items-center me-auto" href="login.php">
                        <img src="../images/logo.png" class="img-fluid"
style="height: 100px" alt="Logo.png">
                        <span><h1>Retail-Stock Managament System</h1></span>
                    </a>
                </div>
            </div>
        </div>
    </header>

    <div class="shadow-sm container-fluid">
        <div class="row">
            <div class="col-6 login-image justify-content-center pt-4">
                <img src="../images/inv1.jpg" class="img-thumbnail mb-4"
alt="image1">
                <img src="../images/inv2.jpg" class="img-thumbnail mb-4"
alt="image2">
                <img src="../images/inv3.jpg" class="img-thumbnail mb-4"
alt="image3">
            </div>
            <div class="col login-container justify-content-center">
                <h2 class="text-center pd-4">Admin Login</h2>
                <form method="post" action="../includes/login_inc.php" >
                    <div class="form-floating p-0" >
                        <input type="text" name="aduser" id="floatAduser"
class="form-control login-input" placeholder="Admin Name" >
                        <label for="floatAduser" class="login-input-
label">Admin Name</label>
                    </div>
                    <div class="form-floating p-0">
                        <input type="password" name="adpass" id="floatAdpass"
class="form-control login-input" placeholder="Password">
                        <label for="floatAdpass">Password</label>
                    </div>
                    <button type="submit" name="submit" class="btn login-btn
oswald-regular">LOGIN</button>
                </form>
```

```php
                <?php
                    if (isset($_GET["error"])) {
                        if ($_GET["error"] == "emptyinput") {
                        echo "<p class='text-center text-danger mt-2'>Fill in
all fields! </p>";

                        }
                        else if ($_GET["error"] == "wronglogin") {
                        echo "<p class='text-center text-warning mt-
2'>Incorrect Login information! </p>";
                        }
                    }
                ?>
            </div>
        </div>
    </div>

<?php
    include_once 'footer.php';
?>
```

header_test.php

```php
<?php
session_start();

if(isset($_SESSION['adminName'])) {

}
else {
    header("location: login.php");
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>R-SMS</title>

    <!-- Latest compiled and minified CSS BOOTSTRAP-->
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
```

```html
QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH"
crossorigin="anonymous">
    <link href="../css/style.css" rel="stylesheet">

    <!--ICONS-->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.11.3/font/bootstrap-icons.min.css">

    <!--FONT-->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Anton&family=Oswald:wght@200..70
0&display=swap" rel="stylesheet">
    <style>
    .profile-card {
      display: flex;
      align-items: center;
      text-decoration: none;
      color: inherit;
      background-color: #B7DCFF;
      border-radius: 10px;
    }
    .profile-img {
      height: 20px;
      width: 20px;
      border-radius: 50%;
      margin-right: 10px;
    }
  </style>
</head>
<body>
    <nav class="navbar navbar-expand-lg header-login">
        <div class="container-fluid">
            <a class="navbar-brand d-flex align-items-center"
href="../pages/home.php">
                <img src="../images/logo.png" alt="Brand Logo" style="height:
45px; width: 45px; margin-right: 10px;">
                <span><h2 class="brand-name">Retail-Stock Management
System</h2></span>
            </a>
            <div class="collapse navbar-collapse justify-content-end"
id="navbarNav">
                <ul class="navbar-nav">
```

```html
                    <li class="nav-item d-flex align-items-center justify-
content-center">
                        <a href="../pages/profile.php" class="nav-link profile-
card">
                            <img src="../images/placeholder.jpg" alt="User
Profile" class="profile-img">
                            <span class="pe-2">
                        <?php
                            require_once '../includes/db_inc.php';
                            require_once '../includes/functions_inc.php';

                            if (isset($_SESSION["adminName"])){
                                echo $_SESSION["adminName"]. "</span>";
                            }
                        ?>
                        </a>
                    </li>
                </ul>
            </div>
        </div>
    </nav>

<div class="wrapper">
    <div class="container-fluid manager-container">
        <div class="row">
            <div class="col-2 bg-dark align-items-center" style="padding:0;">
                <div>
                    <p id=datetime style="color:white;"></p>
                </div>
                <script>
                        function getCurrentDateTime() {
                            // Get current local time
                            var now = new Date();

                            // Format date and time with options
                            var formattedDateTime = now.toLocaleString('en-
US', {
                                month: 'short',
                                day: '2-digit',
                                year: 'numeric',
                                hour: 'numeric',
                                minute: '2-digit',
                                hour12: true
                            });
```

```
                                    // Display the formatted date and time
                                    document.getElementById('datetime').innerText =
formattedDateTime;
                              }

                              window.onload = getCurrentDateTime;
                    </script>
                    <ul class="nav nav-pills nav-fill flex-column">
                          <li class="nav-item">
                                <a href="../pages/dashboard.php" class="nav-link
sidebar-buttons rounded-0 py-3" >Dashboard</a>
                          </li>
                          <li class="nav-item">
                                <a href="../pages/product_inv.php" class="nav-link
sidebar-buttons rounded-0 py-3">Product Stock</a>
                          </li>
                          <li class="nav-item ">
                                <a href="../pages/sales.php" class="nav-link
sidebar-buttons rounded-0 py-3">Sales Record</a>
                          </li>
                          <li class="nav-item">
                                <a href="../pages/account_manager.php" class="nav-
link sidebar-buttons rounded-0 py-3" >Account Manager</a>
                          </li>
                          <li class="nav-item">
                                <a href="../pages/profile.php" class="nav-link
sidebar-buttons rounded-0 py-3">Profile</a>
                          </li>
                          <li class="nav-item">
                                <a href="../pages/home.php" class="nav-link
sidebar-buttons rounded-0 py-3">Home</a>
                          </li>
                          <li class="nav-item">
                                <a href="../includes/logout_inc.php" class="nav-
link sidebar-buttons rounded-0 py-3">Logout</a>
                          </li>
                    </ul>
          </div>
```

home.php

```
<?php
    include_once 'header.php';
?>
```

```html
    <div class="container-fluid home-container">
        <div class="row">
            <div class="col">
                <a href="../pages/dashboard.php" class="text-decoration-none">
                    <img src="../images/dashboard.png" class="img-thumbnail mb-
4" alt="Dashboard">
                    <span><h4>Dashboard</h4></span>
                </a>
            </div>
            <div class="col home-text">
                <a href="../pages/product_inv.php" class="text-decoration-
none">
                    <img src="../images/products.png" class="img-thumbnail mb-
4" alt="Products">
                    <h4>Product Stock</h4>
                </a>
            </div>
            <div class="col home-text">
                <a href="../pages/sales.php" class="text-decoration-none">
                    <img src="../images/orders.png" class="img-thumbnail mb-4"
alt="Sales">
                    <h4>Sales Record</h4>
                </a>
            </div>
        </div>
        <div class="row">
            <div class="col ">
                <a href="../pages/account_manager.php" class="text-decoration-
none">
                    <img src="../images/account.png" class="img-thumbnail mb-4"
alt="Account Manager">
                    <span><h4>Account Manager</h4></span>
                </a>
            </div>
            <div class="col">
                <a href="../pages/profile.php" class="text-decoration-none">
                    <img src="../images/profile.png" class="img-thumbnail mb-4"
alt="Profile">
                    <h4>Profile</h4>
                </a>
            </div>
            <div class="col">
                <a href="../includes/logout_inc.php" class="text-decoration-
none">
```

```php
                    <img src="../images/logout.png" class="img-thumbnail mb-4"
alt="Logout">
                    <h4>Logout</h4>
                </a>
            </div>
        </div>
    </div>
<?php
    include_once 'footer.php';
?>
```

dashboard.php

```php
<?php
    include_once 'header_test.php';
//$dataPoints name
    $dataPointsMSBG = array(
        array("y" => 30, "label" => "BLACK Elite 8000" ),
        array("y" => 27, "label" => "FLAVA Xtre 10000" ),
        array("y" => 14, "label" => "Shift x Chillax Vista 15k" ),
        array("y" => 10, "label" => "BLACK Infinity" ),
    );

    $dataPointsWR = array(
        array("y" => 2500.00, "label" => "Sunday"),
        array("y" => 1500.00, "label" => "Monday"),
        array("y" => 540.00, "label" => "Tuesday"),
        array("y" => 3000.00, "label" => "Wednesday"),
        array("y" => 2490.00, "label" => "Thursday"),
        array("y" => 1300.00, "label" => "Friday"),
        array("y" => 980.00, "label" => "Saturday")
    );
?>



            <div class="col bg-light">
                <div class="row">
                    <nav aria-label="breadcrumb">
                        <ol class="breadcrumb">
                            <li class="breadcrumb-item"><a href="home.php"
class="text-decoration-none">Home</a></li>
                            <li class="breadcrumb-item active" aria-
current="page">Dashboard</li>
```

```html
                            </ol>
                    </nav>
                    <!--WEEKLY-->
                    <div class="col card">
                        <div class="card-header d-flex justify-content-between
align-items-center">
                            <h2 class="mb-0">Weekly Analysis</h2>
                            <label for="week_select">Filter by week:</label>
                            <input type="week" id="week_select" value="<?php
echo date('Y').'-W'.date('W');?>">
                        </div>
                        <div class="card-body d-flex flex-row">
                        <table class="table table-striped d-block">
                            <thead>
                                <tr>
                                    <th colspan="2" class>Top selling
products</th>
                                </tr>
                                <tr>
                                    <th>Rank#</th>
                                    <th>Product Name</th>
                                </tr>
                            </thead>
                            <tbody>
                                <tr>
                                    <td>1</td>
                                    <td>BLACK LITE 8000</td>
                                </tr>
                                <tr>
                                    <td>2</td>
                                    <td>FLAVA XTRE 10000</td>
                                </tr>
                                <tr>
                                    <td>3</td>
                                    <td>SHIFT X Chillax Vista 15000</td>
                                </tr>
                            </tbody>
                        </table>
                    <script>
                        window.onload = function() {
                        //Most Sold chart
                        var MSchart = new CanvasJS.Chart("mostSoldBarGraph", {
                            animationEnabled: true,
                            title: {
                                text: "Most Sold Products"
```

```php
				},

				axisY: {
					title: "Number of Items"
				},
				data: [{
					type: "column",
					yValueFormatString: "### items",
					dataPoints: <?php echo
json_encode($dataPointsMSBG, JSON_NUMERIC_CHECK); ?>
				}]
			});
			MSchart.render();

			//Weekly Revenue chart
			var WRchart = new CanvasJS.Chart("weeklyRevenueGraph",
{
				title: {
					text: "Weekly Revenue"
				},

				axisY: {
					title: "Revenue",
					prefix: "₱",
				},
				data: [{
					type: "line",
					yValueFormatString: "₱#,##0.##",
					dataPoints: <?php echo
json_encode($dataPointsWR, JSON_NUMERIC_CHECK); ?>
				}]
			});
			WRchart.render();

		}
	</script>
			<div id="mostSoldBarGraph" style="height: 200px;
width: 100%;"></div>
				<script
src="https://cdn.canvasjs.com/canvasjs.min.js"></script>

				<div id="weeklyRevenueGraph" style="height: 200px;
width: 100%;"></div>
				<script
src="https://cdn.canvasjs.com/canvasjs.min.js"></script>
```

```html
                    </div>
                </div>
            </div>
            <!--DAILY-->
            <div class="row py-2">
                <div class="col card">
                    <div class="card-header d-flex justify-content-between
align-items-center">
                        <h2 class="mb-0">Daily Analysis</h2>
                        <label for="day_select">Filter by day:</label>
                        <input type="date" id="day_select" value="<?php
echo date('Y-m-d'); ?>">
                    </div>
                    <div class="card-body d-flex flex-row">
                        <div class="card">
                            <div class="card-body">
                                <h2 class="card-title text-center align-
ite">Daily Revenue</h2>
                                <p class="text-center">₱2450.00</p>
                            </div>
                        </div>
                        <div class="card">
                            <div class="card-body">
                                <h2 class="card-title text-center">Items
Sold</h2>
                                <?php
                                require_once '../includes/db_inc.php';
                                $sql = "SELECT SUM(item_quantity) AS
total_items FROM `sale`";
                                $result = $conn->query($sql);

                                if ($result->num_rows > 0) {
                                    // Fetch the result as an associative
array
                                    $row = $result->fetch_assoc();
                                    echo "<p class='text-center'>" .
$row['total_items']. " items </p>";
                                } else {
                                    echo "0 results";
                                }

                                // Close the connection

                                ?>
                            </div>
```

```php
            </div>
            <div class="card">
                <div class="card-body">
                    <h2 class="card-title text-center">Recently
Sold Products</h2>
                    <?php
                        require_once '../includes/db_inc.php';

                        $sql = "SELECT customer_name,
product_name, item_quantity FROM `sale`
                        INNER JOIN `product` ON
sale.product_item_id = product.product_id ORDER BY sales_id DESC";
                        $result = $conn->query($sql);

                        if ($result->num_rows > 0) {
                        echo "<table class='table table-
bordered table-striped'>
                                <tr>
                                    <th>Customer Name</th>
                                    <th>Product Name</th>
                                    <th>Item Quantity</th>

                                </tr>";
                        // output data of each row
                        while($row = $result-
>fetch_assoc()) {
                                echo "<tr>

                                        <td>".$row["customer_na
me"]."</td>

                                        <td>".$row["product_nam
e"]."</td>

                                        <td>".$row["item_quanti
ty"]."</td>

                                </tr>";
                            }
                        echo "</table>";
                        } else {
                        echo "<h3> 0 results </h3>";
                        }
                        $conn->close();
                    ?>
                </div>
            </div>
```

```
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>


<?php
    include_once '../pages/footer.php';
?>
```

product_inv.php

```php
<?php
    include_once 'header_test.php';
?>
            <div class="col align-content-top bg-light">
                <nav aria-label="breadcrumb">
                    <ol class="breadcrumb">
                        <li class="breadcrumb-item"><a href="home.php"
class="text-decoration-none">Home</a></li>
                        <li class="breadcrumb-item active" aria-
current="page">Product Stock</li>
                    </ol>
                </nav>
            <div class="card mb-4">
                <div class="card-header d-flex justify-content-between align-
items-center">
                    <h2 class="mb-0">Product Stock</h2>
                    <!--MODAL BUTTON-->
                    <button type="button" class="btn btn-primary" data-bs-
toggle="modal" data-bs-target="#staticBackdrop">
                        <i class="bi bi-database-fill-add"></i> Add New Product
                    </button>
                </div>
                <div class="card-body">
                    <div class="table-responsive">
                    <!--DATABASE TABLE-->
                    <?php
                    require_once '../includes/db_inc.php';

                    $sql = "SELECT product_id, brand_name, product_name,
category_name, type_name, product_stock,
                    supplier_price, selling_price, supplier_name,
product_added, product_modified FROM `product`
```

```php
                        INNER JOIN `category` ON product.product_category_id =
category.cat_id
                        INNER JOIN `type` ON product.product_type_id = type.type_id
                        INNER JOIN `brands` ON product.brand_id = brands.brand_id";
                        $result = $conn->query($sql);

                        if ($result->num_rows > 0) {
                        echo "<table class='table table-bordered table-striped'>
                            <tr>
                                <th>#ID</th>
                                <th>Product Name</th>
                                <th>Category/Type</th>
                                <th>Stock</th>
                                <th>Supplier Price</th>
                                <th>Selling Price</th>
                                <th>Supplier</th>
                                <th>Product Added</th>
                                <th>Product Modified</th>
                                <th>Action</th>
                            </tr>";
                    // output data of each row
                    while($row = $result->fetch_assoc()) {
                        echo "<tr>
                                <td>".$row["product_id"]."</td>
                                <td>".$row["brand_name"]."
".$row["product_name"]."</td>
                                <td>".$row["category_name"]."-
".$row["type_name"]."</td>
                                <td>".$row["product_stock"]."</td>
                                <td> ₱".$row["supplier_price"]."</td>
                                <td> ₱".$row["selling_price"]."</td>
                                <td>".$row["supplier_name"]."</td>
                                <td>".$row["product_added"]."</td>
                                <td>".$row["product_modified"]."</td>
                                <td class='d-flex align-items-center
justify-content-evenly pb-5'>
                                    <button type='button' class='btn btn-
primary' data-bs-toggle='modal' data-bs-target='#staticBackdrop' data-bs-
title='Edit product'>
                                        <i class='bi bi-pencil-
fill'></i></button>
                                    <button class= 'btn btn-danger' data-
bs-toggle='modal' data-bs-target='#deleteModal' data-id='".$row['product_id']."
'data-name='".$row['brand_name']." ".$row['product_name']."'><i class='bi bi-
trash3-fill'></i></button>
```

```php
                                </td>
                            </tr>";
                    }
                echo "</table>";
                } else {
                echo "<h3> 0 results </h3>";
                }
                $conn->close();
                ?>
                </div>
            </div>
        </div>
            <!-- Delete Confirmation Modal -->
            <div class="modal fade" id="deleteModal" tabindex="-1" aria-
labelledby="deleteModalLabel" aria-hidden="true">
                <div class="modal-dialog">
                    <div class="modal-content">
                        <div class="modal-header">
                            <h5 class="modal-title"
id="deleteModalLabel">Delete Confirmation</h5>
                                <button type="button" class="btn-close" data-
bs-dismiss="modal" aria-label="Close"></button>
                        </div>
                        <div class="modal-body">
                            Are you sure you want to delete <span
id="productName"></span>?
                        </div>
                        <div class="modal-footer">
                            <form id="deleteForm" method="post"
action="../includes/product_delete.php">
                                <input type="hidden" name="product_id"
id="productId">
                                <button type="button" class="btn btn-
secondary" data-bs-dismiss="modal">Cancel</button>
                                <button type="submit" class="btn btn-
danger">Delete</button>
                            </form>
                        </div>
                    </div>
                </div>
            </div>
            <!--SCRIPT FOR MODAL DELETE-->
            <script>
                // Pass data to the modal
                var deleteModal = document.getElementById('deleteModal');
```

```
                    deleteModal.addEventListener('show.bs.modal', function
(event) {
                        var button = event.relatedTarget;
                        var productId = button.getAttribute('data-id');
                        var productName = button.getAttribute('data-name');
                        var modalProductName =
deleteModal.querySelector('#productName');
                        var modalProductId =
deleteModal.querySelector('#productId');

                        modalProductName.textContent = productName;
                        modalProductId.value = productId;
                    });
                </script>
                <!--MODAL ADD PRODUCT-->
                <!-- MODAL-->
                <div class="modal fade" id="staticBackdrop" data-bs-
backdrop="static" data-bs-keyboard="false" tabindex="-1" aria-
labelledby="staticBackdropLabel" aria-hidden="true">
                    <div class="modal-dialog modal-dialog-centered modal-
dialog-scrollable">
                        <div class="modal-content">
                            <div class="modal-header">
                                <h4 class="modal-title"
id="staticBackdropLabel">Add New Product</h4>
                                <button type="button" class="btn-close" data-
bs-dismiss="modal" aria-label="Close"></button>
                            </div>
                            <div class="modal-body">
                            <form action="../includes/product_inc.php"
method="post" autocomplete="off">
                                <!--1st row-->
                                <div class="row">
                                    <div class="col-4">
                                        <div class="form-floating mb-4">
                                            <select class="form-select"
id="floatingSelectCat" aria-label="Floating label select example"
name="product_category_id">
                                                <option value="1"
selected>Vape</option>
                                                <option value="2">E-
liquid</option>
                                            </select>
                                            <label
for="floatingSelectCat">Product Category</label>
```

```html
                                                </div>
                                            </div>
                                            <div class="col">
                                                <div class="form-floating mb-4">
                                                    <select class="form-select"
id="floatingSelectType" aria-label="Floating label select example"
name="product_type_id">

                                                        <option value="1"
selected>disposable pod</option>

                                                        <option value="2">pod kit
device/battery</option>

                                                        <option value="3">pod kit e-
liquid</option>

                                                    </select>
                                                    <label
for="floatingSelectType">Product Type</label>
                                                </div>
                                            </div>
                                        </div>
                                        <!--2nd row-->
                                        <div class="row">
                                            <!--PRODUCT BRAND-->
                                            <div class="col-12">
                                                <div class="form-floating mb-4">
                                                    <select class="form-select"
id="floatingSelectType" aria-label="Floating label select example"
name="brand_id">

                                                        <option value="1"
selected>BLACK</option>

                                                        <option
value="2">Flava</option>

                                                        <option value="3">Relx</option>
                                                        <option value="4">Elux</option>
                                                        <option value="5">Uzuq</option>
                                                    </select>
                                                    <label
for="floatingSelectType">Product Brand</label>
                                                </div>
                                            </div>
                                            <!--PRODUCT NAME-->
                                            <div class="col-12">
                                                <div class="form-floating mb-4">
                                                    <input type="text" class="form-
control" id="floatingProdName" name="product_name" placeholder="Product Name">
```

```html
                                                <label
for="floatingProdName">Product Name</label>
                                            </div>
                                        </div>
                                        <div class="col-12">
                                            <div class="form-floating mb-4">
                                                <input type="text" class="form-
control" id="floatingSuppName" name="supplier_name" placeholder="Supplier
Name">
                                                <label
for="floatingSuppName">Supplier Name</label>
                                            </div>
                                        </div>
                                    </div>
                                    <div class="row">
                                        <div class="col-6">
                                            <!--PRICE-->
                                            <div class="input-group mb-4">
                                                <span class="input-group-
text">₱</span>
                                                <div class="form-floating">
                                                    <input type="number"
class="form-control" id="floatingSellPrice" name="selling_price"
placeholder="Selling Price">
                                                    <label
for="floatingSellPrice">Selling Price</label>
                                                </div>
                                                <span class="input-group-
text">.00</span>
                                            </div>
                                        </div>
                                        <div class="col-6">
                                            <!--PRICE-->
                                            <div class="input-group mb-4">
                                                <span class="input-group-
text">₱</span>
                                                <div class="form-floating">
                                                    <input type="number"
class="form-control" id="floatingSuppPrice" name="supplier_price"
placeholder="Supplier Price">
                                                    <label
for="floatingSuppPrice">Supplier Price</label>
                                                </div>
                                                <span class="input-group-
text">.00</span>
```

```html
                                    </div>
                                </div>
                            </div>
                            <div class="col-12">
                                    <!--STOCK-->
                                    <div class="form-floating mb-4">
                                        <input type="number" class="form-control" id="floatFname" name="product_stock" placeholder="Product Name">
                                            <label for="floatFname">Product Stock</label>
                                    </div>
                            </div>
                                <div class="modal-footer">
                                    <button type="button" class="btn btn-danger" data-bs-dismiss="modal">Close</button>
                                    <button type="submit" class="btn btn-primary" name="submit">Add Product</button>
                                </div>
                        </form>
                    <!--ERROR HANDLER-->
                        <?php
                        if (isset($_GET["error"])) {
                            if ($_GET["error"] == "emptyinput") {
                                echo "<p>Empty Fields </p>";
                            }
                            else if ($_GET["error"] == "productexists") {
                                echo "<p>Product is already in the Database! </p>";

                            }
                            else if ($_GET["error"] == "stmtfailure") {
                                echo "<p>Error! Try Again!</p>";
                            }
                            else if ($_GET["error"] == "none") {
                                echo "<p>Product Successfully Added </p>";
                            }
                        }
                        ?>
                        </div>
                    </div>
                </div>
            </div>
<?php
    include_once 'footer.php';
?>
```

sales.php

```php
<?php
    include_once 'header_test.php';
?>

<div class="col align-content-top bg-light">
        <nav aria-label="breadcrumb">
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a href="home.php" class="text-decoration-none">Home</a></li>
                <li class="breadcrumb-item active" aria-current="page">Sales Record</li>
            </ol>

        </nav>
    <div class="card mb-4">
            <div class="card-header d-flex justify-content-between align-items-center">
                <h2 class="mb-0">Sales Record</h2>
                <label for="date_select">Sort by date:</label>
                <input type="date" id="date_select">
                <!--MODAL BUTTON-->
                <button type="button" class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#staticBackdrop">
                    <i class="bi bi-bag-plus-fill"></i> Add New Sales
                </button>
            </div>

        <?php
                require_once '../includes/db_inc.php';

                $sql = "SELECT sales_id, customer_name, product_name, item_quantity, total_price, date_purchased FROM `sale`
                INNER JOIN `product` ON sale.product_item_id = product.product_id";
                $result = $conn->query($sql);

                if ($result->num_rows > 0) {
                echo "<table class='table table-bordered table-striped'>
                    <tr>
                        <th>#ID</th>
                        <th>Customer Name</th>
                        <th>Product Name</th>
                        <th>Item Quantity</th>
                        <th>Total Price</th>
```

```php
                        <th>Date Purchased</th>
                        <th>Action</th>
                    </tr>";
                // output data of each row
                while($row = $result->fetch_assoc()) {
                    echo "<tr>
                            <td>".$row["sales_id"]."</td>
                            <td>".$row["customer_name"]."</td>
                            <td>".$row["product_name"]."</td>
                            <td>".$row["item_quantity"]."</td>
                            <td> ₱".$row["total_price"]."</td>
                            <td>".$row["date_purchased"]."</td>
                            <td>
                                <button type='button' class='btn btn-
primary' data-bs-toggle='modal' data-bs-target='#staticBackdrop'><i class='bi
bi-pencil-fill'></i></button>
                                <button type='button' class='btn btn-
danger' data-bs-toggle='modal' data-bs-target='#confirmDelete'><i class='bi bi-
trash3-fill'></i></button>

    <div class='modal fade' id='confirmDelete' data-bs-backdrop='static' data-
bs-keyboard='false' tabindex='-1' aria-labelledby='staticBackdropLabel' aria-
hidden='true'>
                        <div class='modal-dialog modal-dialog-centered modal-
dialog-scrollable'>
                            <div class='modal-content'>
                                <div class='modal-header'>
                                <h4 class='modal-title'
id='staticBackdropLabel'>Delete Sales Record?</h4>
                                <button type='button' class='btn-close' data-
bs-dismiss='modal' aria-label='Close'></button>
                                </div>
                                <div class='modal-footer'>
                                    <button type='button' class='btn btn-
primary' data-bs-dismiss='modal'>Cancel</button>
                                    <a class='btn btn-danger'
href='../includes/sales_delete.php?sales_id=$row[sales_id]'>Confirm</a>
                                </div>
                            </div>
                        </div>
                    </div>
                            </td>
                        </tr>";
                }
            echo "</table>";
```

```php
                } else {
                echo "<h3> 0 results </h3>";
                }
                $conn->close();
                ?>

        </div>
        <!-- MODAL -->
            <div class="modal fade" id="staticBackdrop" data-bs-
backdrop="static" data-bs-keyboard="false" tabindex="-1" aria-
labelledby="staticBackdropLabel" aria-hidden="true">
                <div class="modal-dialog modal-dialog-centered modal-dialog-
scrollable">
                    <div class="modal-content">
                        <div class="modal-header">
                            <h4 class="modal-title" id="staticBackdropLabel">Add
New Sales Record</h4>
                            <button type="button" class="btn-close" data-bs-
dismiss="modal" aria-label="Close"></button>
                        </div>
                        <div class="modal-body">
                            <form action="../includes/sales_inc.php" method="post"
autocomplete="off">
                                <div class="form-floating mb-4">
                                    <input type="text" class="form-control"
id="floatFname" name="customer_name" placeholder="Customer Name">
                                    <label for="floatFname">Customer Name</label>
                                </div>

                                <div class="form-floating mb-4">
                                    <input type="text" class="form-control"
id="floatLname" name="product_item_id" placeholder="Product ID">
                                    <label for="floatLname">Product Name</label>
                                </div>
                                <div class="form-floating mb-4">
                                    <input type="text" class="form-control"
id="floatEmail" name="item_quantity" placeholder="Item Quantity">
                                    <label for="floatEmail">Item Quantity</label>
                                </div>
                                <div class="form-floating mb-4">
                                    <input type="text" class="form-control"
id="floatUser" name="total_price" placeholder="Price Total">
                                    <label for="floatUser">Total Price</label>
                                </div>
                                <div class="modal-footer">
```

```php
                                    <button type="button" class="btn btn-danger"
data-bs-dismiss="modal">Close</button>
                                    <button type="submit" class="btn btn-primary"
name="submit">Add Sales</button>
                                </div>
                            </form>
                             <?php
                                if (isset($_GET["error"])) {
                                    if ($_GET["error"] == "emptyinput") {
                                        echo "<p>Fill in all fields! </p>";
                                    }
                                    else if ($_GET["error"] == "stmtfailure") {
                                        echo "<p>Error! Try Again!</p>";
                                    }
                                    else if ($_GET["error"] == "none") {
                                        echo "<p>Registered Successfully! </p>";
                                    }
                                }
                             ?>
                         </div>
                     </div>
                 </div>
             </div>
<?php
    include_once 'footer.php';
?>
```

account_manager.php

```php
<?php
    include_once 'header_test.php';
?>
            <div class="col align-content-top bg-light">
            <nav aria-label="breadcrumb">
                <ol class="breadcrumb">
                    <li class="breadcrumb-item"><a href="home.php" class="text-
decoration-none">Home</a></li>
                    <li class="breadcrumb-item active" aria-
current="page">Account Manager</li>
                </ol>
            </nav>
    <div class="card mb-4">
        <div class="card-header d-flex justify-content-between align-items-
center">
            <h2 class="mb-0">User Accounts</h2>
```

```php
            <button type="button" class="btn btn-primary" data-bs-
toggle="modal" data-bs-target="#staticBackdrop">
                <i class="bi bi-person-fill-add"></i> Add User
            </button>
    </div>
    <div class="card-body">
            <div class="table-responsive">
        <?php
            require_once '../includes/db_inc.php';

            $sql = "SELECT admin_id, admin_fname, admin_lname, admin_email,
admin_phonenum, admin_username FROM `admin`";
            $result = $conn->query($sql);

            if ($result->num_rows > 0) {
            echo "<table class='table table-bordered table-striped'>
                <tr>
                    <th>#ID</th>
                    <th>Name</th>
                    <th>Email</th>
                    <th>Phone Number</th>
                    <th>Username</th>
                    <th>Edit</th>
                </tr>";
                // output data of each row
                while($row = $result->fetch_assoc()) {
                    echo "<tr class='text-center'>
                        <td>".$row["admin_id"]."</td>
                        <td>".$row["admin_fname"]."
".$row["admin_lname"]."</td>
                        <td>".$row["admin_email"]."</td>
                        <td> 0".$row["admin_phonenum"]."</td>
                        <td>".$row["admin_username"]."</td>
                        <td class='d-flex justify-content-center'>

                            <button class= 'btn btn-danger' data-bs-
toggle='modal' data-bs-target='#deleteModal' data-id='".$row['admin_id']."
'data-name='".$row['admin_fname']." ".$row['admin_lname']."'><i class='bi bi-
trash3-fill'></i></button>
                        </td>
                    </td>
                </tr>";
                }
            echo "</table>";
            } else {
```

```
                echo "<h3> 0 results </h3>";
                }
                $conn->close();
                ?>
    </div>

                <!-- Delete Confirmation Modal -->
                <div class="modal fade" id="deleteModal" tabindex="-1" aria-
labelledby="deleteModalLabel" aria-hidden="true">
                    <div class="modal-dialog">
                        <div class="modal-content">
                            <div class="modal-header">
                                <h5 class="modal-title"
id="deleteModalLabel">Delete Confirmation</h5>
                                <button type="button" class="btn-close" data-
bs-dismiss="modal" aria-label="Close"></button>
                            </div>
                            <div class="modal-body">
                                Are you sure you want to delete <span
id="accountName"></span>?
                            </div>
                            <div class="modal-footer">
                                <form id="deleteForm" method="post"
action="../includes/acc_mgmt_delete.php">
                                    <input type="hidden" name="admin_id"
id="adminId">
                                    <button type="button" class="btn btn-
secondary" data-bs-dismiss="modal">Cancel</button>
                                    <button type="submit" class="btn btn-
danger">Delete</button>
                                </form>
                            </div>
                        </div>
                    </div>
                </div>
                <!--SCRIPT FOR MODAL DELETE-->
                <script>
                    // Pass data to the modal
                    var deleteModal = document.getElementById('deleteModal');
                    deleteModal.addEventListener('show.bs.modal', function
(event) {
                        var button = event.relatedTarget;
                        var adminId = button.getAttribute('data-id');
                        var accountName = button.getAttribute('data-name');
                        var modalAccountName =
deleteModal.querySelector('#accountName');
```

```html
                        var modalAdminId =
deleteModal.querySelector('#adminId');

                        modalAccountName.textContent = accountName;
                        modalAdminId.value = adminId;
                });
            </script>
            <!-- MODAL -->
            <div class="modal fade" id="staticBackdrop" data-bs-
backdrop="static" data-bs-keyboard="false" tabindex="-1" aria-
labelledby="staticBackdropLabel" aria-hidden="true">
                <div class="modal-dialog modal-dialog-centered modal-dialog-
scrollable">
                    <div class="modal-content">
                        <div class="modal-header">
                            <h4 class="modal-title"
id="staticBackdropLabel">Register new admin</h4>
                            <button type="button" class="btn-close" data-bs-
dismiss="modal" aria-label="Close"></button>
                        </div>
                        <div class="modal-body">
                            <form action="../includes/register_inc.php"
method="post" autocomplete="off">
                                <div class="row">
                                    <div class="col-6">
                                        <div class="form-floating mb-4">
                                            <input type="text" class="form-control"
id="floatFname" name="admin_fname" placeholder="First Name">
                                            <label for="floatFname">First
Name</label>
                                        </div>
                                    </div>
                                    <div class="col">
                                        <div class="form-floating mb-4">
                                            <input type="text" class="form-control"
id="floatLname" name="admin_lname" placeholder="Last Name">
                                            <label for="floatLname">Last
Name</label>
                                        </div>
                                    </div>
                                </div>
                                <div class="form-floating mb-4">
                                    <input type="email" class="form-control"
id="floatEmail" name="admin_email" placeholder="Email">
                                    <label for="floatEmail">Email</label>
```

```html
                                    </div>
                                    <div class="input-group mb-3">
                                        <span class="input-group-text">+63</span>
                                        <div class="form-floating">
                                            <input type="tel" class="form-control"
id="floatingPhoneNum" placeholder="Phone Number" name="phone_number">
                                            <label for="floatingPhoneNum">Phone
Number</label>
                                        </div>
                                    </div>
                                    <div class="form-floating mb-4">
                                        <input type="text" class="form-control"
id="floatUser" name="admin_username" placeholder="User Name">
                                        <label for="floatUser">User Name</label>
                                    </div>
                                    <div class="form-floating mb-4">
                                        <input type="password" class="form-control"
id="floatPassword" name="admin_password" placeholder="Password">
                                        <label for="floatPassword">Password</label>
                                    </div>
                                    <div class="form-floating mb-4">
                                        <input type="password" class="form-control"
id="floatPasswordRpt" name="admin_password_rpt" placeholder="Password">
                                        <label for="floatPasswordRpt">Repeat
Password</label>
                                    </div>
                                    <div class="modal-footer">
                                        <button type="button" class="btn btn-danger"
data-bs-dismiss="modal">Close</button>
                                        <button type="submit" class="btn btn-primary"
name="submit">Register</button>
                                    </div>
                                </form>
                                <?php
                                    if (isset($_GET["error"])) {
                                        if ($_GET["error"] == "emptyinput") {
                                            echo "<p>Fill in all fields! </p>";
                                        }
                                        else if ($_GET["error"] == "invalidemail") {
                                            echo "<p>Use a valid email! </p>";
                                        }
                                        else if ($_GET["error"] == "passunmatched") {
                                            echo "<p>Passwords don't match! </p>";
                                        }
                                        else if ($_GET["error"] == "usernametaken") {
```

```php
                                echo "<p>Choose another username! </p>";
                            }
                            else if ($_GET["error"] == "stmtfailure") {
                                echo "<p>Error! Try Again!</p>";
                            }
                            else if ($_GET["error"] == "none") {
                                echo "<p>Registered Successfully! </p>";
                            }
                        }
                    ?>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

<?php
    include_once 'footer.php';
?>
```

profile.php

```php
<?php
    include_once 'header_test.php';
?>
    <div class="col align-content-top bg-light">
        <nav aria-label="breadcrumb">
            <ol class="breadcrumb">
                <li class="breadcrumb-item"><a href="home.php" class="text-decoration-none">Home</a></li>
                <li class="breadcrumb-item active" aria-current="page">Profile</li>
            </ol>
        </nav>
        <!--PROFILE DISPLAY-->
        <div class="card mb-4">
            <div class="card-header d-flex justify-content-between align-items-center">
                <h2 class="mb-0">User Profile</h2>
                <button type="button" class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#staticBackdrop">
```

```php
                        <i class="bi bi-cloud-arrow-up-fill"></i> Change Profile
Picture
                </button>
            </div>
            <div class="card-body">
                <div class="panel panel-primary">
                    <div class="panel-heading">
                        <span>Profile</span>
                    </div>
                    <div class="panel-body">
                        <img src="../images/placeholder.jpg" alt="Profile
Image" style="width:90px;">
                        <form>
                        <!--PROFILE DETAILS from DB-->
                        <?php
                            require_once '../includes/db_inc.php';
                            require_once '../includes/functions_inc.php';
                            $admin_id = $_SESSION['adminId'];
                            $sql = "SELECT admin_fname, admin_lname,
admin_email, admin_phonenum, admin_username FROM `admin` WHERE
admin_id='$admin_id'";
                            $result = $conn->query($sql);

                            if ($result->num_rows > 0) {
                                // output data of each row
                                while($row = $result->fetch_assoc()) {
                                    echo "<label for='profileName' class='form-
label'>Name</label>
                                        <input type='text' id='profileName'
class='form-control' value= '".$row["admin_fname"]." ".$row["admin_lname"]."'
readonly>
                                        <label for='fullName' class='form-
label'>Username</label>
                                        <input type='text' id='fullName'
class='form-control' value=".$row["admin_username"]." readonly>
                                        <label for='email' class='form-
label'>Email</label>
                                        <input type='email' id='email'
class='form-control' value=".$row["admin_email"]." readonly>
                                        <label for='phone' class='form-
label'>Phone Number</label>
                                        <input type='tel' id='phone'
class='form-control' value= '0".$row["admin_phonenum"]."' readonly>";
                                }
                            echo "</form>";
```

```php
                              } else {
                              echo "<h3> 0 results </h3>";
                              }
                              $conn->close();
                          ?>
                      </div>
                  </div>
              </div>


        <!--MODAL-->
        <div class="modal fade" id="staticBackdrop" data-bs-backdrop="static"
data-bs-keyboard="false" tabindex="-1" aria-labelledby="staticBackdropLabel"
aria-hidden="true">
            <div class="modal-dialog modal-dialog-centered modal-dialog-
scrollable">
                <div class="modal-content">
                    <div class="modal-header">
                        <h4 class="modal-title" id="staticBackdropLabel">Upload
new Profile picture</h4>
                        <button type="button" class="btn-close" data-bs-
dismiss="modal" aria-label="Close"></button>
                    </div>
                    <div class="modal-body">
                        <form action="../includes/register_inc.php"
method="post" autocomplete="off">
                            <div class="mb-3">
                                <input class="form-control" type="file"
id="formFile">
                            </div>
                            <div class="modal-footer">
                                <button type="button" class="btn btn-danger"
data-bs-dismiss="modal">Cancel</button>
                                <button type="submit" class="btn btn-primary"
name="submit">Upload</button>
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
<?php
    include_once 'footer.php';
?>
```

```
footer.php
```

```php
</div>
    <footer class="footer-container">
        <div class="container-fluid">
            <div class="contact-info">
                <div class="quote">
                <p>"The best preparation for tomorrow is doing your best
today." - H. Jackson Brown, Jr.</p>
                </div>
                <div class="contacts">
                <p>Email: developer@gmail.com |<br> Phone: +12 345 6783 902
|<br> Tel: 012-345-6789 |</p>
                <a href="https://www.facebook.com/senioritasenioritaph"
class="text-decoration-none"><i class="bi bi-facebook"></i></a>
                <a href="#" class="text-decoration-none"><i class="bi bi-
twitter"></i></a>
                <a href="#" class="text-decoration-none"><i class="bi bi-
github"></i></a>
                </div>
            </div>
        </div>
    </footer>
    <!-- Latest compiled JavaScript -->
    <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js"
integrity="sha384-
I7E8VVD/ismYTF4hNIPjVp/Zjvgyol6VFvRkX/vR+Vc4jQkC+hVqc2pM8ODewa9r"
crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.min.js"
integrity="sha384-
0pUGZvbkm6XF6gxjEnlmuGrJXVbNuzT9qBBavbLwCsOGabYfZo0T0to5eqruptLy"
crossorigin="anonymous"></script>

</body>
</html>
```

```
style.css
```

```css
@charset "utf-8";
/* CSS Document */

h1 {
    font-family: "Anton", sans-serif;
    font-size: 40px;
    font-style: normal;
```

```css
}

h2 {
    font-family: "Anton", sans-serif;
    font-size: 30px;
    font-style: normal;
}

h4 {
    font-family: "Oswald", sans-serif;
    font-optical-sizing: auto;
    font-size: 20px;
    font-weight: 400;
    font-style: normal;
    text-decoration: none;
}

p {
    font-family: "Oswald", sans-serif;
    font-optical-sizing: auto;
    font-size: 20px;
    font-weight: 400;
    font-style: normal;
}
.profile-name {
    text-align: center;
}
.breadcrumb a {
    text-decoration: none;
}

body {
    font-family: Arial, sans-serif;
    background-color: #B7DCFF;
}
/*
<uniquifier>: Use a unique and descriptive class name
<weight>: Use a value from 200 to 700*/
.oswald-regular {
  font-family: "Oswald", sans-serif;
  font-optical-sizing: auto;
  font-weight: 400;
  font-style: normal;
}
```

```css
.anton-regular {
  font-family: "Anton", sans-serif;
  font-weight: 400;
  font-style: normal;
}

.anton-bold {
    font-family: "Anton", sans-serif;
    font-size: 30px;
    font-style: normal;
}

.title-bar {
    color: #212529;
    transition: 0.2s;
}

.title-bar:hover {
    color: grey;
}

/*HEADER DIV*/
.header-container{
    background:#A7E5FF;
    max-height: 200px;
    height: 100%;
    width: 100%;
    padding: 20px 0;
}

/*LOGIN DIV*/
.login-container {
    max-width: 400px;
    width: 100%;
    margin: 100px auto 100px 0;
    background: #fff;
    padding: 30px;
    border-radius: 0 20px 20px 0;
    box-shadow: 0px 0px 10px 0px rgba(0,0,0,0.1);

}

.login-image {
    max-width: 100px;
    width: 100%;
```

```css
        margin: 100px 0 100px auto;
        background: #A7E5FF;
        border-radius: 20px 0 0 20px;


}

.input-group {
        margin-bottom: 15px;
}

.input-group label {
        display: block;
        margin-bottom: 5px;
}

.login-input {
        width: 100%;
        border-radius: 30px;
        margin: 20px 0px;
        padding: 0 20px;
        transition: 0.2s;
}

.login-input:hover{
        border: 2px solid #43A7E7;
}

.login-input-label {
        padding-right: 10px;

}
.login-btn {
        display: block;
        width: 100%;
        padding: 15px;
        margin-top: 20px;
        background-color: #43A7E7;
        color: #fff;
        border: none;
        border-radius: 30px;
        cursor: pointer;
}

.login-btn:hover {
        background-color: #B7DCFF;
```

```css
}


    .app-name{
        padding: 0 0 0 50px;
        font-family: "Helvetica Neue";
        color: white;

    }

    .footer-container{
        background: rgba(114,223,218,0.74);
        height: 100%;
        width: 100%;
        border-radius: 0;
    }


    footer {
        background-color: #f8f9fa;
        padding: 20px;
        text-align: center;
      }
      footer .contact-info {
        display: flex;
        justify-content: space-between;
        align-items: center;
      }
      footer .contact-info .quote {
        text-align: left;
      }
      footer .contact-info .contacts {
        text-align: right;
      }
      footer .contact-info .contacts a {
        margin: 0 10px;
      }

.menu-item{
    padding: 0 10px;
}

.button-link{
        text-decoration: none;
        color: aliceblue;
```

```css
}

.profile-container {
    vertical-align: middle;
    max-width: 160px;
    width: 100%;
}

.profile-container p{
    background-color:#B7DCFF;
    border-radius: 5px;
}

.header-login {
    background-color: #175767;
    padding: 10px 30px;
    height: 100%;
}

.header-login-text{
    text-decoration: none;
    color: whitesmoke;
    transition: 0.1s;
}
.header-login-text:hover{
    color: #212529;
}

.manager-container {
    width: 100%;
    height: 100%;

}

.sidebar-buttons {
    background-color:#175767;
    transition: 0.1s;
    color:aliceblue;
}

.sidebar-buttons:hover {
    background-color: #A7FDFF;
}
```

```css
.home-container {
    max-width: 700px;
    width: 100%;
    margin: 100px auto;
    background: #fff;
    padding: 30px;
    border-radius: 20px;
    box-shadow: 0px 0px 10px 0px rgba(204, 136, 136, 0.1);
}
.home-container img {
    max-width: 200px;
    width: 100%;
}
/*TABLE DESIGN DIV*/

.table th {
    background-color: #212529;
    text-align: center;
    color: #A7E5FF;
}

.table th,
.table td {
    padding: 10px 10px;
}

.table tr:nth-of-type(even) {
    background-color: #3f3030;
}
.table tr:last-of-type {
    border-bottom: 2px solid #175767;
}


/*DASHBOARD*/

.dash-cont {
    max-width: 400px;
    width: 100%;
    background: #fff;

    border-radius: 20px;
    box-shadow: 0px 0px 10px 0px rgba(0,0,0,0.1);
}
```

```css
.brand-name {
    color: #fff;
    text-wrap:wrap;
}

.navbar-brand img {
    height: 40px;
    width: 40px;
    margin-right: 10px;
}
.navbar .profile-img {
    height: 40px;
    width: 40px;
    border-radius: 50%;
    margin-left: 10px;
 }
```

INCLUDES

db_inc.php

```php
<?php

$serverName = "localhost";
$dBUsername = "root";
$dbPassword = "";
$dBName = "loginsystem";

$conn = mysqli_connect($serverName, $dBUsername, $dbPassword, $dBName);

if (!$conn) {
    die("Connection failed: " .mysqli_connect_error());
}
```

functions.php

```php
<?php

function emptyInputRegister($fname, $lname, $email, $username, $password,
$passwordRpt) {
    $result;

    if(empty($fname) || empty($lname) || empty($email) || empty($username) ||
empty($password) || empty($passwordRpt)){
```

```php
            $result = true;
        }
        else{
            $result = false;
        }
        return $result;
}

function invalidEmail($email) {
    $result;
    if (!filter_var($email, FILTER_VALIDATE_EMAIL)) {
        $result = true;
    }
    else{
        $result = false;
    }
    return $result;
}

function pwdMatch($password, $passwordRpt) {
    $result;
    if ($password !== $passwordRpt) {
        $result = true;
    }
    else{
        $result = false;
    }
    return $result;
}

function usernameExists($conn, $username) {
    $sql = "SELECT * FROM `admin` WHERE `admin_username` = ?;";
    $stmt = mysqli_stmt_init($conn);
    if (!mysqli_stmt_prepare($stmt, $sql)) {
        header("location: ../pages/account_manager.php?error=stmtfailure");
        exit();
    }

    mysqli_stmt_bind_param($stmt, "s", $username);
    mysqli_stmt_execute($stmt);

    $resultData = mysqli_stmt_get_result($stmt);

    if ($row = mysqli_fetch_assoc($resultData)) {
        return $row;
```

```php
    }
    else {
        $result = false;
        return $result;
    }

    mysqli_stmt_close($stmt);
}

function createUser($conn, $fname, $lname, $email, $username, $password) {
    $sql = "INSERT INTO `admin` (admin_fname, admin_lname, admin_email,
admin_username, admin_password) VALUES (?, ?, ?, ?, ?);";
    $stmt = mysqli_stmt_init($conn);
    if (!mysqli_stmt_prepare($stmt, $sql)) {
        header("location: ../pages/account_manager.php?error=stmtfailure");
        exit();
    }
    //HASH the password
    $hashedPassword = password_hash($password, PASSWORD_DEFAULT);

    mysqli_stmt_bind_param($stmt, "sssss", $fname, $lname, $email, $username,
$hashedPassword);
    mysqli_stmt_execute($stmt);
    mysqli_stmt_close($stmt);

    header("location: ../pages/account_manager.php?error=none");
    exit();
}
//LOGIN FUNCTIONS
function emptyInputLogin($username, $password) {
    $result;
    if(empty($username) || empty($password)){
        $result = true;
    }
    else{
        $result = false;
    }
    return $result;
}

function loginUser($conn, $username, $password) {
    $usernameExists = usernameExists($conn, $username);

    if ($usernameExists === false) {
        header("location: ../pages/login.php?error=wronglogin");
```

```php
            exit();
        }

        $passwordHashed = $usernameExists["admin_password"];
        $checkPassword = password_verify($password, $passwordHashed);

        if ($checkPassword === false) {
            header("location: ../pages/login.php?error=wronglogin");
            exit();
        }
        else if ($checkPassword === true) {
            session_start();
            $_SESSION["adminId"] = $usernameExists["admin_id"] ;
            $_SESSION["adminUsername"] = $usernameExists["admin_username"];
            $_SESSION["adminName"] = $usernameExists["admin_fname"];
            header("location: ../pages/home.php");
            exit();
        }
}


// PRODUCTS

function emptyInputProduct($pbrand, $pname, $pcat, $ptype, $pstock, $psuppname,
$psellprice, $psuppprice) {
    $result;

    if(empty($pbrand) || empty($pname) || empty($pcat) || empty($ptype) ||
empty($pstock) || empty($psellprice) || empty($psuppprice)){
        $result = true;
    }
    else{
        $result = false;
    }
    return $result;
}


function addProduct($conn, $pbrand, $pname, $pcat, $ptype, $pstock, $psuppname,
$psuppprice, $psellprice ) {
    $sql = "INSERT INTO `product` (brand_id, product_name, product_category_id,
product_type_id, product_stock, supplier_name, supplier_price, selling_price)
VALUES (?, ?, ?, ?, ?, ?, ?, ?);";
    $stmt = mysqli_stmt_init($conn);
    if (!mysqli_stmt_prepare($stmt, $sql)) {
```

```php
        header("location: ../pages/product_inv.php?error=stmtfailure");
        exit();
    }
    mysqli_stmt_bind_param($stmt, "ssssssss", $pbrand, $pname, $pcat, $ptype,
$pstock, $psuppname, $psuppprice, $psellprice);
    mysqli_stmt_execute($stmt);
    mysqli_stmt_close($stmt);

    header("location: ../pages/product_inv.php?error=none");
    exit();
}

//SALES

function emptyInputSales($scname, $spitemid, $sitemqty, $stprice) {
    $result;

    if(empty($scname) || empty($spitemid) || empty($sitemqty) ||
empty($stprice)){
        $result = true;
    }
    else{
        $result = false;
    }
    return $result;
}

function addSales($conn, $scname, $spitemid, $sitemqty, $stprice) {
    $sql = "INSERT INTO `sale` (customer_name, product_item_id, item_quantity,
total_price) VALUES (?, ?, ?, ?);";
    $stmt = mysqli_stmt_init($conn);
    if (!mysqli_stmt_prepare($stmt, $sql)) {
        header("location: ../pages/sales.php?error=stmtfailure");
        exit();
    }
    mysqli_stmt_bind_param($stmt, "ssss", $scname, $spitemid, $sitemqty,
$stprice);
    mysqli_stmt_execute($stmt);
    mysqli_stmt_close($stmt);

    header("location: ../pages/sales.php?error=none");
    exit();
}
```

login_inc.php

```php
<?php

if (isset($_POST["submit"])) {

    $username = $_POST["aduser"];
    $password = $_POST["adpass"];

    require_once 'db_inc.php';
    require_once 'functions_inc.php';

    if (emptyInputLogin($username, $password) !== false ) {
        header("location: ../pages/login.php?error=emptyinput");
        exit();
    }

    loginUser($conn, $username, $password);
}
else {
    header("location: ../pages/login.php");
    exit();;
}
```

logout_inc.php

```php
<?php
// Start the session
session_start();

// Unset all session variables
$_SESSION = array();

// If there's a session cookie, remove it by setting its expiration time to the
past
if (ini_get("session.use_cookies")) {
    $params = session_get_cookie_params();
    setcookie(session_name(), '', time() - 42000,
        $params["path"], $params["domain"],
        $params["secure"], $params["httponly"]
    );
}

// Destroy the session
session_destroy();

// Expire all other cookies related to the login
```

```php
if (isset($_COOKIE['username'])) {
    setcookie('username', '', time() - 3600, '/');
}
if (isset($_COOKIE['password'])) {
    setcookie('password', '', time() - 3600, '/');
}

// Prevent browser caching
header("Cache-Control: no-store, no-cache, must-revalidate");
header("Cache-Control: post-check=0, pre-check=0", false);
header("Pragma: no-cache");
header("Expires: Sat, 26 Jul 1997 05:00:00 GMT");

// Redirect to the login page
header("Location: ../pages/login.php");
exit();
?>
```

product_inc.php

```php
<?php

if (isset($_POST["submit"])) {

    $pbrand = $_POST["brand_id"];
    $pname = $_POST["product_name"];
    $pcat = $_POST["product_category_id"];
    $ptype = $_POST["product_type_id"];
    $pstock = $_POST["product_stock"];
    $psuppname = $_POST["supplier_name"];
    $psellprice = $_POST["selling_price"];
    $psuppprice = $_POST["supplier_price"];

    require_once 'db_inc.php';
    require_once 'functions_inc.php';

    if (emptyInputProduct($pbrand, $pname, $pcat, $ptype, $pstock, $psuppname,
$psellprice, $psuppprice) !==false) {
        header("location: ../pages/product_inv.php?error=emptyinput");
        exit();
    }

    if (usernameExists($conn, $pname) !==false) {
        header("location: ../pages/product_inv.php?error=productexists");
        exit();
    }
```

```php
    addProduct($conn, $pbrand, $pname, $pcat, $ptype, $pstock, $psuppname,
$psellprice, $psuppprice);


}
else {
    header("location: ../pages/product_inv.php");
}
```

register_inc.php

```php
<?php

if (isset($_POST["submit"])) {

    $fname = $_POST["admin_fname"];
    $lname = $_POST["admin_lname"];
    $email = $_POST["admin_email"];
    $username = $_POST["admin_username"];
    $password = $_POST["admin_password"];
    $passwordRpt = $_POST["admin_password_rpt"];

    require_once 'db_inc.php';
    require_once 'functions_inc.php';

    if (emptyInputRegister($fname, $lname, $email, $username, $password,
$passwordRpt) !==false) {
        header("location: ../pages/account_manager.php?error=emptyinput");
        exit();
    }

    if (invalidEmail($email) !==false) {
        header("location: ../pages/account_manager.php?error=invalidemail");
        exit();
    }

    if (pwdMatch($password, $passwordRpt) !==false) {
        header("location: ../pages/account_manager.php?error=passunmatched");
        exit();
    }

    if (usernameExists($conn, $username) !==false) {
        header("location: ../pages/account_manager.php?error=usernametaken");
        exit();
    }

    createUser($conn, $fname, $lname, $email, $username, $password);
```

```php
}
else {
    header("location: ../pages/account_manager.php");
}
```

sales.php

```php
<?php

if (isset($_POST["submit"])) {

    $scname = $_POST["customer_name"];
    $spitemid = $_POST["product_item_id"];
    $sitemqty = $_POST["item_quantity"];
    $stprice = $_POST["total_price"];


    require_once 'db_inc.php';
    require_once 'functions_inc.php';

    if (emptyInputSales($scname, $spitemid, $sitemqty, $stprice) !==false) {
        header("location: ../pages/sales.php?error=emptyinput");
        exit();
    }

    addSales($conn, $scname, $spitemid, $sitemqty, $stprice);

}
else {
    header("location: ../pages/sales.php");
}
```

acc_mgmt_delete.php

```php
<?php

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $admin_id = $_POST['admin_id'];

    include_once 'db_inc.php';

    // Prepare the delete statement
    $stmt = $conn->prepare("DELETE FROM `admin` WHERE admin_id = ?");
    $stmt->bind_param("i", $admin_id);

    if ($stmt->execute()) {
        // Successfully deleted
```

```php
            header("Location: ../pages/account_manager.php"); // Redirect back to
the account manager
    } else {
        echo "Error deleting record: " . $conn->error;
    }

    $stmt->close();
}

$conn->close();
?>
```

product_delete.php

```php
<?php

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $product_id = $_POST['product_id'];

    include_once 'db_inc.php';

    // Prepare the delete statement
    $stmt = $conn->prepare("DELETE FROM `product` WHERE product_id = ?");
    $stmt->bind_param("i", $product_id);

    if ($stmt->execute()) {
        // Successfully deleted
        header("Location: ../pages/product_inv.php"); // Redirect back to the
product list
    } else {
        echo "Error deleting record: " . $conn->error;
    }

    $stmt->close();
}

$conn->close();
?>
```

sales_delete.php

```php
<?php

if (isset($_GET["sales_id"])) {
    $id = $_GET["sales_id"];

    //connection
```

```php
    require_once 'db_inc.php';

    $sql = "DELETE FROM `sale` WHERE sales_id = $id";
    $conn->query($sql);

}

header("location: ../pages/sales.php");
exit;
?>
```