

# **PROJECT REPORT**

## **For**

# **Import and Export Management System**

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## **Table of Contents**

1. Introduction .....	3
1.1 Background & Motivation .....	3
1.2 Aim .....	3
1.3 Objectives.....	3
1.4 Scope.....	4
2. Related Research.....	5
2.1 Introduction .....	5
2.2 Daraz.lk.....	5
2.3 Kapruka.lk.....	6
2.4 ikman.lk.....	7
3. System Analysis and Design .....	9
3.1 Introduction .....	9
3.2 Functional Requirements .....	9
3.3 Non-functional Requirements.....	10
3.4 Design Diagrams.....	11
4. Technologies adopted .....	15
5.Implementation .....	18
5.1 System interfaces and Important coding .....	18
5.1.1 Importer .....	18
5.1.2 Exporter.....	40
5.1.3 Admin.....	54
5.1.4 Other Important Code sections .....	65
5.2 System Testing.....	66
6. Conclusion and Future work .....	70
7. Project Member Contribution.....	70
8.Reference .....	71

# 1. Introduction

## 1.1 Background & Motivation

Inflation has been a recurring problem in Sri Lanka, where factors like high government spending, a significant trade deficit, and natural disasters all contribute to price hikes. The Sri Lankan government has put import restrictions on several products and materials to reduce inflation. These restrictions have raised consumer prices and decreased their options, while also lowering the country's reliance on imports and encouraging local manufacturing. Despite the fact that import restrictions may be put in place for good reasons, they can have a negative effect on businesses, including less product availability, higher costs, decreased competitiveness, and financial losses.

Recognizing the importance of addressing these issues, the import and export management platform aims to revolutionize the nation's trade ecosystem. By providing an innovative and effective online platform, it seeks to connect Sri Lankan exporters and importers into a one platform, fostering a seamless exchange of products and raw materials within the country. The platform not only mitigates the negative effects of import bans but also promotes local production, reduces dependency on imports, and controls inflation through the facilitation of local trade.

## 1.2 Aim

The import and export management platforms aim is to build an ecosystem that empowers local businesses and stimulates economic growth in Sri Lanka by streamlining the import-export process. The goal is to provide exporters and importers with the tools they need to effectively market and manage their operations by providing an easy-to-use and efficient platform. Through these efforts, the platform hopes to alleviate the difficulties caused by import limitations while also contributing to a more sustainable and resilient economy.

## 1.3 Objectives

The import and export management platform are designed to achieve the following objectives,

- **Connect Exporters and Importers within Sri Lanka** - The platform will serve as a central hub for exporters, importers, manufacturers, local suppliers and inventors in Sri Lanka. It will create a transparent marketplace that fosters healthy competition. It will enable them to explore new business opportunities and establish fruitful partnerships within the country.
- **Simplify Trade Processes** - The platform will provide a user-friendly interface that simplifies the import-export process, making it accessible to businesses of all sizes in Sri Lanka. It will offer innovative features and functionalities to facilitate smooth navigation and seamless transactions.
- **Enhance Product Listings** - Exporters will have the ability to showcase their products with detailed descriptions, costs, and quantities, creating an open market for the purchase and sale of products. This will enable importers to make informed decisions and identify the right suppliers for their needs within Sri Lanka.
- **Streamline Order Management** - The platform will provide order management tools, empowering users to efficiently process and track their orders. Importers will be able

to update, cancel, and track shipments conveniently, while exporters can effectively manage their inventory and fulfill orders.

- **Analytics and Reporting** - The platform will offer analytics and reporting tools, providing users with valuable insights into their sales, market trends, and performance. These tools will enable data-driven decision-making, will help businesses to stay competitive and adapt to changing market dynamics.

By achieving these objectives, the import and export management platform hopes to transform Sri Lanka's trading landscape, boost local manufacturing, minimize reliance on imports, and build a resilient and prosperous economy.

#### **1.4 Scope**

The scope of this project is the design and implementation of an import and export management system suited to the demands of Sri Lankan exporters and importers to their trade business within the country. The system will help with product listing, buyer request response, order administration, secure payment processing, rating, and review system, reporting and analytics, and user complaint handling.

This project will provide a centralized platform that encourages local production, supports efficient import and export operations, and contributes to the generation or saving of foreign reserves in Sri Lanka. By solving the shortcomings of existing online markets, the system intends to promote economic growth, expand trade prospects, and improve the import and export management process for Sri Lankan businesses and manufacturers.

## 2. Related Research

### 2.1 Introduction

This chapter includes similar systems and platforms in the context of Sri Lankan online marketplaces and ecommerce stores. It addresses the limitations of existing platforms such as Daraz.lk, Kapruka.lk, and ikman.lk in terms of facilitating local manufacturing and saving foreign reserves in the country.

### 2.2 Daraz.lk

Daraz.lk is an online marketplace in Sri Lanka that provides users with a wide selection of utility and shopping items. Daraz.lk provides a convenient platform for users to buy a variety of products. Daraz (AlibabaGroup) is South Asia's leading online shopping platform and Sri Lanka's largest e-commerce platform with 115,000 sellers, serving 5M+ consumers with 20M+ listed products. Daraz offers a diverse assortment of products in categories from consumer electronics to household goods, beauty, fashion, and sports equipment.[1]

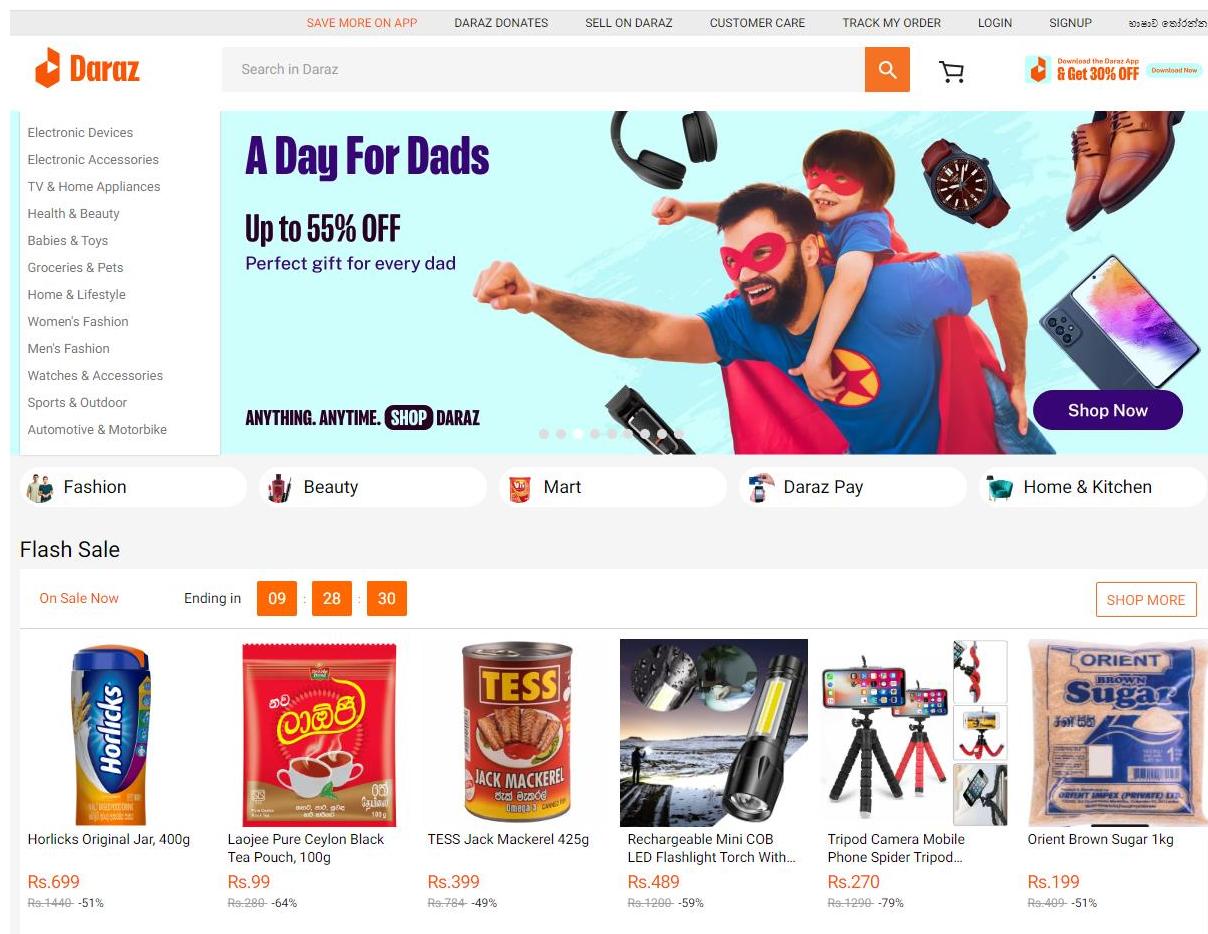


Figure 1- Daraz.lk website homepage

Daraz.lk primarily focuses on retail and does not provide significant opportunities for local production. Daraz.lk may contribute to a greater expenditure of foreign reserves on imported products rather than encouraging local production and saving foreign reserves within Sri Lanka.

## Features

- Wide variety of products available for online purchase.
- Convenient and user-friendly platform for online shopping.
- Timely delivery and reliable service.
- Order processing and tracking functionality.
- Secure payment and invoicing.
- Rating and review system for feedback

## Deficiencies

- Specialized registration process for exporters and importers
- Dedicated support for local manufacturers and innovators.
- Product listing capabilities for exporters.
- System for managing buyer requests and responses.

### 2.3 Kapruka.lk

Kapruka.lk is another popular ecommerce platform in Sri Lanka. It provides a wide range of products for customers to purchase online. Kapruka.lk, like other online markets, largely focuses on retail and does not encourage or facilitate local production. Kapruka is Sri Lanka's first and largely locally owned e-commerce enterprise. Kapruka E-commerce (Pvt) Ltd facilitates online purchase of goods to Sri Lankan & expatriate consumers via its website. [2]



Figure 2- Kaprukaa.lk website homepage

Kapruka.lk does not directly promote local business or manufacturers. As a result, it falls short of promoting or preserving foreign reserves through domestic manufacturing.

## Features

- Extensive range of products available for online purchase.
- Convenient platform for online shopping.
- Timely delivery and reliable service.
- Order processing and tracking functionality.
- Secure payment and invoicing.

## Deficiencies

- Specialized registration process for exporters and importers
- Dedicated support for local manufacturers and innovators.
- Product listing capabilities for exporters.
- System for managing buyer requests and responses.

### 2.4 ikman.lk

ikman.lk is a popular online marketplace in Sri Lanka where people can buy and sell a variety of things. While it provides a transaction platform for individuals, it mostly concentrates on second-hand or used goods rather than encouraging local manufacture. It does not significantly contribute to the goal of generating or saving foreign reserves through local production.

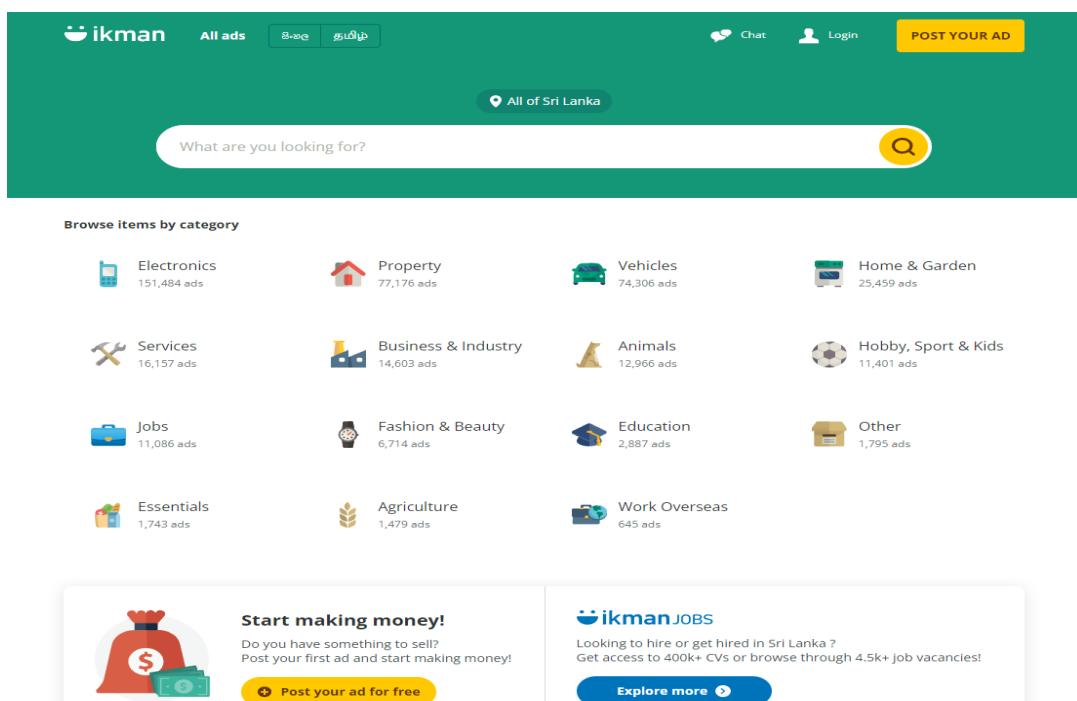


Figure 3 - ikman.lk website homepage

Ikman.lk is not a completely free platform. Users can post a few ads for free in most categories. Ads in some categories require payment if the price is above a certain amount.

## **Features**

- Platform for individuals to buy and sell.
- Mostly focuses on second-hand or used goods.
- Has a wide range of service categories.
- Connects buyers and sellers in Sri Lanka.

## **Deficiencies**

- Specialized registration process for exporters and importers
- Dedicated support for local manufacturers and innovators.
- Product listing capabilities for exporters.
- System for managing buyer requests and responses.

## **3. System Analysis and Design**

### **3.1 Introduction**

This chapter focuses on the Import & Export Management System's analysis and design. To ensure an effective solution, it requires a thorough assessment of the system's requirements, operations, and data. Gathering information, understanding user demands, and determining system requirements are all part of the analysis process.

### **3.2 Functional Requirements**

The functional requirements of the Import & Export Management System are divided into three user classes: Exporter, Importer, and Administrator. Each user class has specific functionalities that they can perform within the system.

#### **➤ User Class 1 - Exporter**

- Exporter Registration: Exporters can register with the system by providing personal and business information.
- Exporter Login: Exporters can log in to their accounts using their username and password.
- Product Listing: Exporters can list their items on the platform, including product details such as name, description, price, quantity, and pictures.
- Buyer Request Responding: Exporters can respond and bid on buyer requests posted by importers on the platform.
- Order Management: Exporters can manage the status of their products and order shipments, including processing, shipping, and delivery.
- Payment and Invoicing: The system is integrated with secure payment processing and provides proper business invoicing for exporters to receive payments for their order shipments.
- Reporting and Analytics: Exporters have access to reporting and analytics capabilities to view sales, revenue, and other vital indicators.
- User Complaints: Exporters can report and manage complaints from importers or other users.

#### **➤ User Class 2 - Importer**

- Importer Registration: Importers can register with the system by providing personal and business information.
- Importer Login: Importers can log in to their accounts using their email and password.
- Buyer Request Listing: Importers can list their buyer requests on the platform, including Request product details and expected priced.
- Product Search: Importers can search for specific products based on parameters such as name, category, minimum and maximum price ranges.
- Order Placement: Importers can place orders for products displayed on the platform.

- Order Tracking: Importers can track the status of their orders, including confirmation, cancellation, processing, shipping, and delivery.
- Payment and Invoicing: The system is integrated with secure payment processing and provides proper business invoicing for importers to pay for their orders.
- Reporting and Analytics: Importers have access to reporting and analytics capabilities to view purchases, payments, and other important information.

➤ **User Class 3 - Administrator**

- User Management: Administrators have privileges to manage exporter and importer users, including removing users who violate platform rules.
- Product Management: Administrators can manage product listings and remove those that violate platform rules.
- Reporting and Analytics: Administrator has monthly order report reporting and analytics capabilities to view purchases, payments, and other important information.

### **3.3 Non-functional Requirements**

- **Response Time** - All user activities, including product search and order placement, should have a response time of less than 2 seconds to provide a smooth user experience.
- **Availability** - The system should be available 24/7 without any downtime. It should be designed with backup mechanisms to ensure continuous availability.
- **Data Handling** - The system should efficiently manage and process data, including product information, user accounts, and transaction history, while maintaining the performance.
- **Speed and Efficiency** - User requests, such as product searches, payments, and order processing, should be processed swiftly to minimize waiting time.
- **Reliability** - The system should perform reliably, ensuring that all transactions and operations are executed accurately and without errors or data loss.
- **Security** – The System should provide secure login functionality, data encryption, secure payment processing, user privacy protection, security auditing, defense against cyber threats, and secure communication.
- **Usability** - The system should provide a user-friendly experience with a visually appealing and consistent user interface.
- **Maintainability** - The system should be easily maintainable, allowing for updates, enhancements, and bug fixes.

### 3.4 Design Diagrams

To provide a visual representation of the system's structure and interactions, the following diagrams are developed.

#### ➤ Use Case Diagram

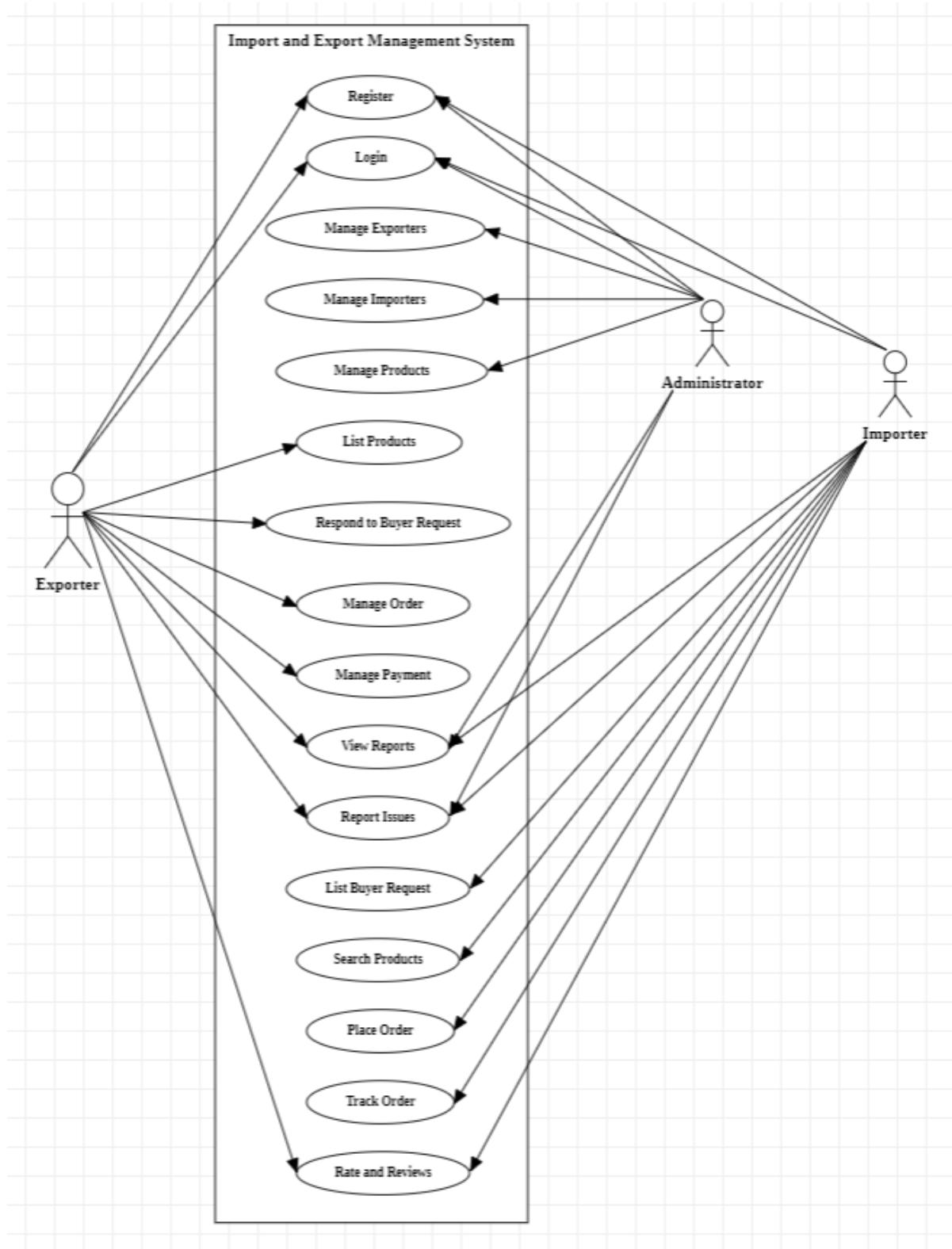


Figure 4 - Use Case diagram of the system

## ➤ Class Diagram

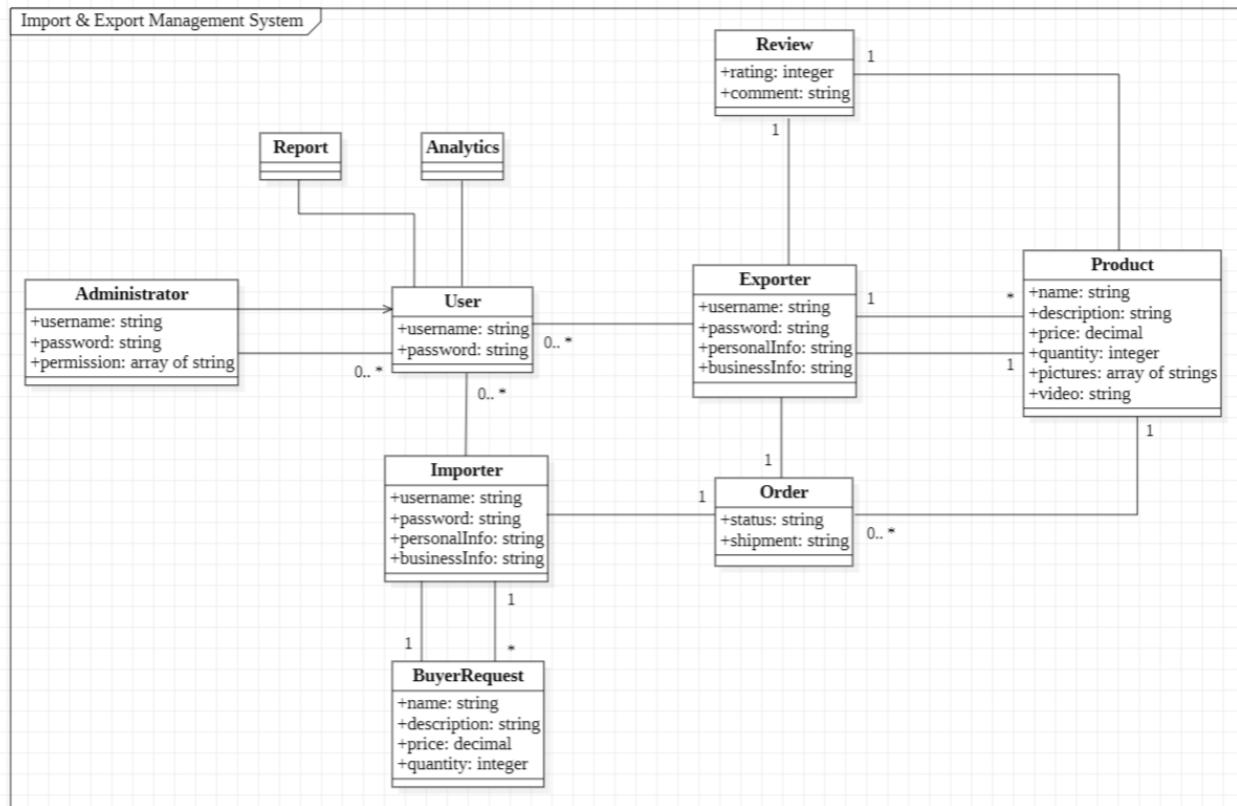


Figure 5- Class diagram of the system

## ➤ Entity-Relationship (ER) Diagram

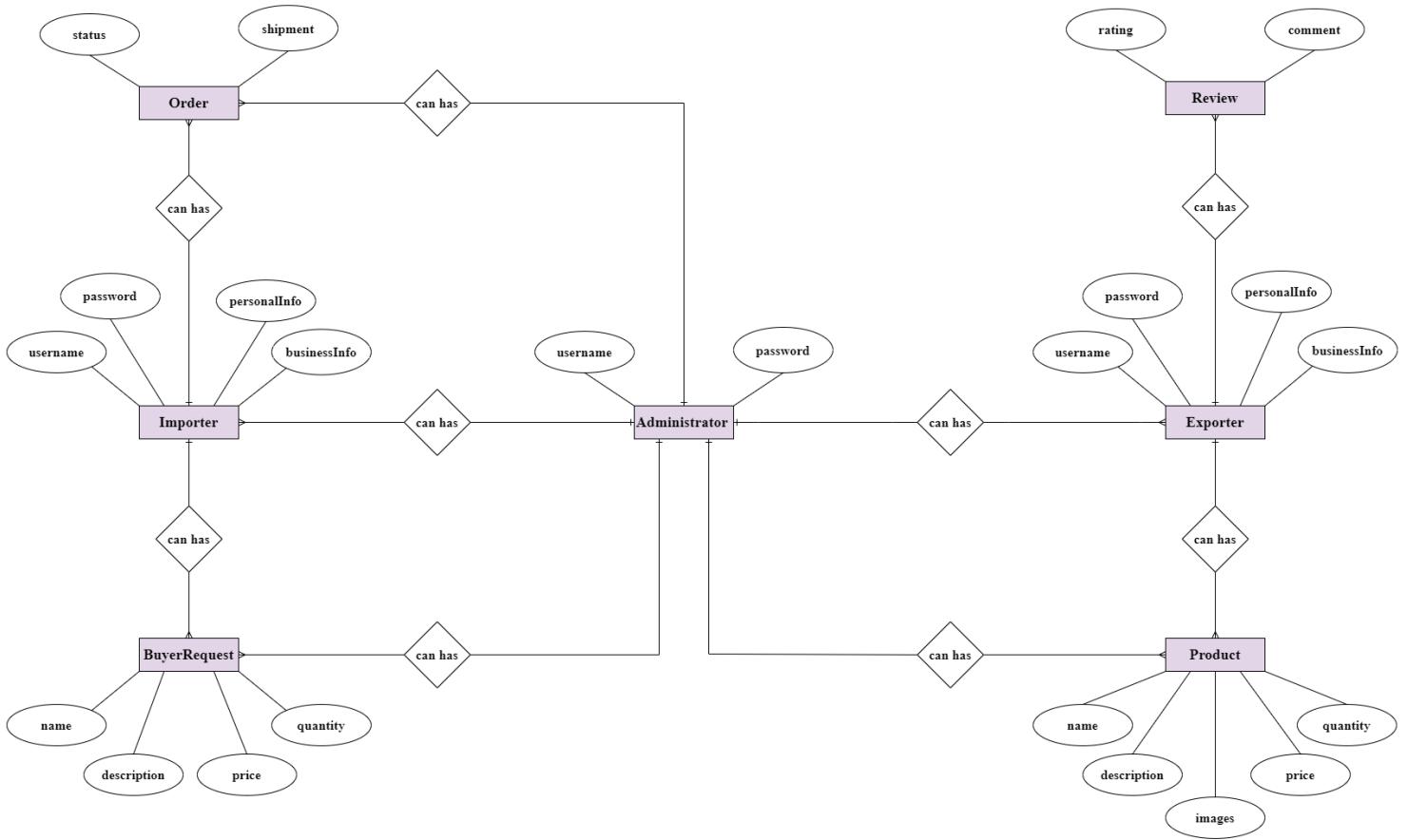


Figure 6 - Entity-Relationship diagram of the system

## ➤ Sequence diagram

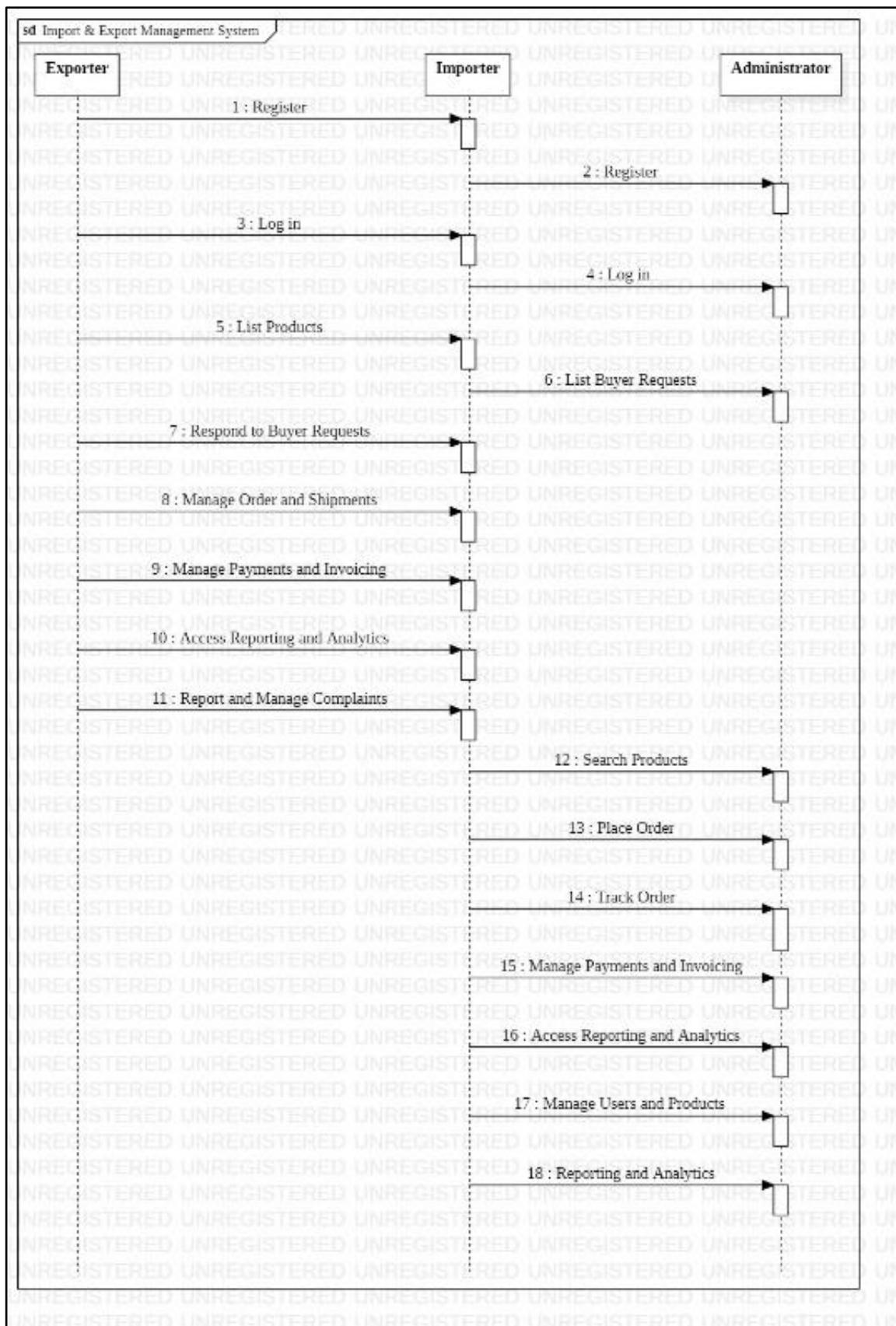


Figure 7- Database design of the system

## **4. Technologies adopted**

The following technologies were adopted for the design and implementation of the import and export management system.

### **1. XAMPP v3.3.0**



XAMPP is an open-source web server solution that combines Apache, MySQL, PHP, and Perl. It was used as the local development environment to host and test the web application.

### **2. PHP Language**



PHP (Hypertext Preprocessor) is a widely used server-side scripting language. It was utilized for server-side processing, handling data transactions, and implementing business logic within the import and export management system.

### **3. MySQL Database**



MySQL is an open-source relational database management system. It was employed to store and manage the data related to importers, exporters, products, orders, transactions, and other relevant information in the system.

### **4. HTML**



HTML (Hypertext Markup Language) is the standard markup language for creating web pages. It was used for structuring the content and defining the user interface elements of the import and export management system.

## 5. CSS



CSS (Cascading Style Sheets) is a style sheet language used to describe the visual presentation of a document written in HTML. It was employed to enhance the visual appearance and layout of the system's user interface.

## 6. JavaScript



JavaScript is a programming language that enables interactivity and dynamic functionality on web pages. It was utilized to implement client-side validation, form interactions, and enhance the user experience within the import and export management system.

## 7. jQuery



jQuery is a fast and concise JavaScript library that simplifies HTML document traversal, event handling, and animation. It was utilized to streamline the development process, enhance DOM manipulation, and provide cross-browser compatibility.

## 8. Ajax



Ajax (Asynchronous JavaScript and XML) is a web development technique used to create asynchronous web applications. It was employed to facilitate real-time data updates and provide a seamless user experience by dynamically loading content without refreshing the entire page.

## **9. Bootstrap**



Bootstrap is a popular front-end framework that provides a set of pre-designed responsive components and utilities. It was used to create a visually appealing and mobile-friendly user interface for the import and export management system.

## **10. AdminLTE**



AdminLTE is a responsive admin template built on top of Bootstrap. It provides a clean and intuitive user interface for admin panels. It was adopted to develop the system's administrative dashboard, allowing administrators to manage and monitor the import and export system users and operations effectively.

The adoption of these technologies ensured the development of a user-friendly and efficient import and export management system implemented to meet the demands of Sri Lankan business, exporters, and importers within the country.

## 5.Implementation

This chapter presents the implementation details of the Import & Export Management System. It includes system interfaces and provides important coding snippets to illustrate the implementation process.

### 5.1 System interfaces and Important coding

System consists of various interfaces that facilitate interactions between users and the system. The following sections describe the key interfaces and their functionalities.

#### 5.1.1 Importer

- Home Page



Sri Lanka Import Export Management System

Importer Login | exporter Login | Admin Login

SLIEMS Home View Products Buyer Requests About Platform

Welcome aboard!!!!

## Our Services



### Great value

We strive to provide excellent value to our users by offering a platform that optimizes trade processes, reduces costs, and increases efficiency. Unlock new opportunities and maximize your business potential with our value-driven solutions.



### Safe payment

Rest assured that your financial transactions are secure on our platform. We prioritize the safety and confidentiality of your payments, ensuring a trustworthy environment for all transactions.



### Fast Delivery

Time is essence in the import-export industry. Our platform enables swift and reliable delivery of goods, ensuring that your products reach their destination in a timely manner.

Sri Lanka Import Export Management System

Importer Login | exporter Login | Admin Login

SLIEMS Home View Products Buyer Requests About Platform



### Business Support

We are committed to supporting your business every step of the way. Our platform offers comprehensive business support services, including market insights, regulatory guidance, and professional assistance. Count on us to be your reliable partner in business growth.



### Save Economy

By fostering local trade and reducing dependency on imports, we contribute to the stability and growth of the Sri Lankan economy. Embrace sustainable practices and help build a stronger and more self-reliant economy through our platform.



### 24X7 Support

We understand that questions and challenges can arise at any time. That's why our dedicated support team is available round the clock to assist you. Whether you need technical support or have inquiries about our services, we are here to provide prompt and reliable assistance.

## Products



Sri Lanka Import Export Management System

Importer Login | exporter Login | Admin Login

SLIEMS Home View Products Buyer Requests About Platform

business every step of the way. Our platform offers comprehensive business support services, including market insights, regulatory guidance, and professional assistance. Count on us to be your reliable partner in business growth.

dependency on imports, we contribute to the stability and growth of the Sri Lankan economy. Embrace sustainable practices and help build a stronger and more self-reliant economy through our platform.

can arise at any time. That's why our dedicated support team is available round the clock to assist you. Whether you need technical support or have inquiries about our services, we are here to provide prompt and reliable assistance.

## Products

**Rubber Door Mats**  
exporter:Gampaha Rubber Suppliers  
Category:Rubber Products for Home use  
Price: Rs. 1,600  
Premium Quality and Construction:The door mat made of heavy-duty rubber, it...

**Desiccated Coconut 1KG**  
exporter:Kurunegala Coconut Products  
Category:Raw coconut products  
Price: Rs. 450  
Desiccated coconut is manufactured by drying shredded, crushed coconut aft...

**Organic Ceylon Black Pepp...**  
exporter:Matale Spice Garden  
Category:Hot Spices  
Price: Rs. 8,000  
Desired for cuisines throughout the world, with its sharp and penetrating aroma, pepper...

**Handmade Clay Pot with Li...**  
exporter:Kaduwela Clay Arts  
Category:Clay Utensils for Cooking  
Price: Rs. 1,100  
Easy to clean - The bottom of the clay bowl can be cleaned easily and Safe to use in...

[Explore More Products](#)

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SLIEMS (by: BugMinions Group - BIT UoM ) v1.0

## ➤ View Product Page

Sri Lanka Import Export Manager

localhost/BIT-GroupProject/?page=products

Meet - mbr-lbho-nfe Access Denied

Sri Lanka Import Export Management System

Importer Login | exporter Login | Admin Login

SLIEMS Home View Products Buyer Requests About Platform

All

BATIK SAREE

BATIK SARONG

BLUE SAPPHIRE

Clay Utensils for Cooking

Clay water bottle

Hot Spices

Raw coconut products

Rubber Products for Home use

🔍

Max Price

**Desiccated Coconut ...**  
Exporter:Kurunegala Coconut Products  
Category:Raw coconut products  
Price: Rs. 450  
Desiccated coconut is manufactured by drying shredded, crush...

**Handmade Clay Pot ...**  
Exporter:Kaduwela Clay Arts  
Category:Clay Utensils for Cooking  
Price: Rs. 1,100  
Easy to clean - The bottom of the clay bowl can be cleaned easily a...

**HAND CRAFT BATIK ...**  
Exporter:Lassana Crafts  
Category:BATIK SARONG  
Price: Rs. 2,150  
Beautiful batik sarong design in eye catchy colours, quality cotton...

## Relevant Coding:

The screenshot shows two instances of Visual Studio Code side-by-side, both displaying the same file 'index.php' from a 'BIT-GROUPPROJECT' directory. The project structure in the Explorer sidebar includes files like categories, classes, database, dist, exporter, inc, orders, index.php, update\_status.php, view\_order.php, products, reports, user, .htaccess, 404.html, home.php, index.php, login.php, register.php, and various configuration and utility files.

```

File Edit Selection View Go Run Terminal Help
... index.php ...
products > index.php
1 <?php
2 $category_ids = isset($_GET['category_ids']) ? $_GET['category_ids'] : 'all';
3 >
4 <div class="content py-3">
5   <div class="row">
6     <div class="col-md-4">
7       <div class="card card-outline rounded-0 card-primary shadow">
8         <div class="card-body">
9           <div class="list-group-item list-group-item-action">
10             <div class="custom-control custom-checkbox">
11               <input class="custom-control-input custom-control-input-primary custom-control-input-outline cat_all" type="checkbox" id="cat_all" checked="">
12               <label for="cat_all" class="custom-control-label"> All </label>
13             </div>
14           </div>
15         </div>
16       </div>
17       <?php
18         $categories = $conn->query("SELECT * FROM `category_list` WHERE delete_flag = 0 AND status = 1 ORDER BY `name` ASC");
19         while($row = $categories->fetch_assoc()):
20           >
21             <div class="list-group-item list-group-item-action">
22               <div class="custom-control custom-checkbox">
23                 <input class="custom-control-input custom-control-input-primary custom-control-input-outline cat_item" type="checkbox" id="cat_item-$row[id]" value="$row[name]" checked="">
24                 <label for="cat_item-$row[id]" class="custom-control-label"> $row[name] </label>
25               </div>
26             </div>
27           </div>
28         </div>
29       </div>
30     </div>
31   </div>
32   <div class="col-md-8">
33     <div class="card card-outline card-primary shadow rounded-0">
34       <div class="card-body">
35         <div class="container-fluid">
36           <div class="row justify-content-center mb-3">
37             <div class="col-lg-8 col-md-10 col-sm-12">
38               <form action="#" id="search-form">
39                 <div class="input-group-prepend"><span class="input-group-text">Search</span></div>
40                 <input type="search" id="search" class="form-control" value=<?php if(isset($_GET['search'])) { echo $_GET['search']; } ?>>
41                 <div class="input-group-append"><span class="input-group-text"><i class="fa fa-search"></i></span></div>
42               </form>
43             </div>
44           </div>
45         </div>
46       <div class="row justify-content-center mb-3">
47         <div class="col-lg-8 col-md-10 col-sm-12">
48           <div class="row justify-content-between mb-3">
49             <div class="col-4">
50               <h4>Product Filter</h4>
51               <form action="#" id="filter-form">
52                 <div class="form-row">
53                   <div class="col">
54                     <input type="number" id="min_price" class="form-control" placeholder="Min Price">
55                   </div>
56                   <div class="col">
57                     <input type="number" id="max_price" class="form-control" placeholder="Max Price">
58                   </div>
59                 </div>
60                 <div class="form-row mt-2">
61                   <div class="col">
62                     <button type="submit" class="btn btn-primary">Apply Filter</button>
63                   </div>
64                 </div>
65               </form>
66             </div>
67             <div class="col-8">
68               <h4>Product List</h4>
69               <?php
70                 $min_price = isset($_GET['min_price']) ? $_GET['min_price'] : '';
71                 $max_price = isset($_GET['max_price']) ? $_GET['max_price'] : '';
72                 $where = '';
73                 if(!empty($category_ids)):
74                   $where .= " AND p.category_id IN (" . implode(',', $category_ids) . ")";
75                 if(isset($_GET['search']) && !empty($_GET['search'])):
76                   $where .= " AND (p.name LIKE '%" . $_GET['search'] . "%' OR p.description LIKE '%" . $_GET['search'] . "%' OR v.shop_name LIKE '%" . $_GET['search'] . "%')";
77                 if($min_price != '' && $max_price != ''):
78                   $where .= " AND p.price BETWEEN ($min_price) AND ($max_price)";
79                 elseif($min_price != ''):
80                   $where .= " AND p.price >= ($min_price)";
81                 elseif($max_price != '') {
82                   $where .= " AND p.price <= ($max_price)";
83                 }
84                 $products = $conn->query("SELECT p.*, v.shop_name AS exporter, c.name AS category FROM `product_list` p INNER JOIN exporter_list v ON p.exporter_id = v.id WHERE $where");
85               </?php
86               <div class="col-lg-4 col-md-6 col-sm-12 product-item">
87                 <a href="#">#page-products/view_product&id=<?php echo $row['id'] ?></a> <div class="card shadow rounded-0 text-reset text-decoration-none">
88                   <div class="product-img-holder position-relative">
89                     <img src=<?php echo validate_image($row['image_path']) ?> alt="Product Image" class="img-top product-img bg-gradient-gray">
90                   </div>
91                   <div class="card-body border-top border-gray">
92                     <h5 class="card-title text-truncate w-100"><?php echo $row['name'] ?></h5>
93                   </div>
94                 </div>
95               </div>
96             </div>

```

The screenshot shows the Visual Studio Code interface with the file `index.php` open. The code contains many red squiggly underlines, indicating syntax errors or warnings. The code itself is a PHP script with some jQuery and JavaScript logic for handling category selection and product filtering.

```
File Edit Selection View Go Run Terminal Help index.php - BIT-GroupProject - Visual Studio Code

EXPLORER
BIT-GROUPPROJECT ...
index.php ×
products > index.php
133     $('.cat_item').change(function(){
134         var ids = [];
135         $('.cat_item:checked').each(function(){
136             ids.push($(this).val());
137         })
138         location.href = "./?page=products&ids=" + (ids.join(","));
139     })
140     $('#cat_all').change(function(){
141         if($('#this').is(':checked') == true){
142             $('.cat_item').prop('checked',true)
143         }else{
144             $('.cat_item').prop('checked',false)
145         }
146         $('.cat_item').trigger('change')
147     })
148     $('#searchfrm').submit(function(e){
149         e.preventDefault();
150         var q = "#search").val();
151         if(q<> '') {
152             if(q<= empty($category_ids) && $category_ids !='all' >> == 1){
153                 q += '&ids=<> $category_ids >>';
154             }
155             location.href = "./?page=products&" + q;
156         }
157         $('#filterfrm').submit(function(e) {
158             e.preventDefault();
159             var minPrice = $('#min_price').val();
160             var maxPrice = $('#max_price').val();
161             var q = '';
162
163             if(minPrice != '' && maxPrice != ''){
164                 q = 'min_price=' + minPrice + '&max_price=' + maxPrice;
165             } else if(minPrice != ''){
166                 q = 'min_price=' + minPrice;
167             } else if(maxPrice != ''){
168                 q = 'max_price=' + maxPrice;
169             }
170
171             if ('<= empty($category_ids) && $category_ids !='all' >> == 1) {
172                 q += '&ids=<> $category_ids >>';
173             }
174
175             location.href = "./?page=products&" + q;
176         });
177     });
178     </script>
179 
```

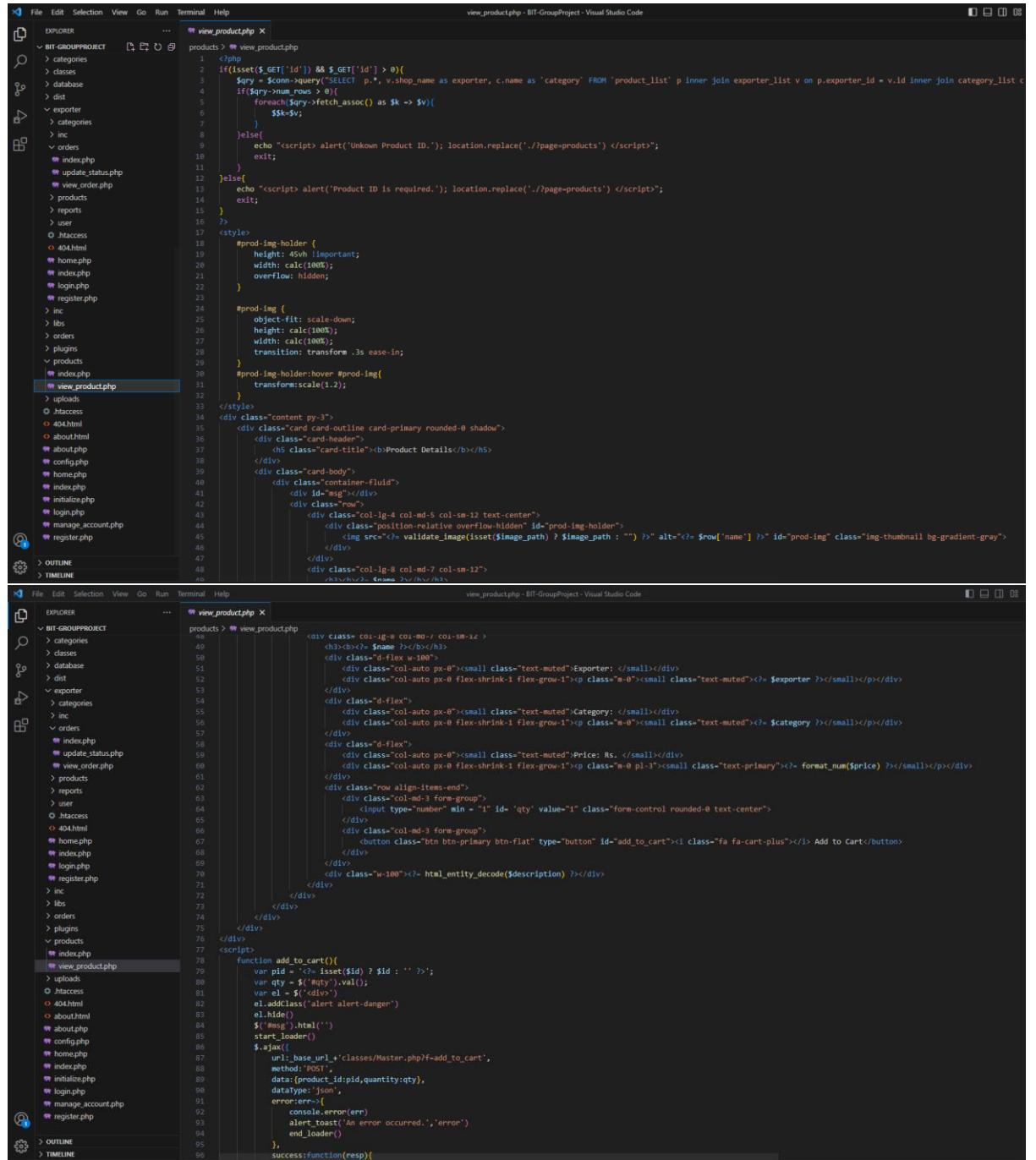
## ➤ Product Page

The screenshot shows a web browser window for 'Sri Lanka Import Export Manager' at 'localhost/BIT-GroupProject/?page=products/view\_product&id=15'. The title bar says 'Meet - mbr-ibho-nfe Access Denied'. The header includes 'Importers Login | Exporters Login | Admin Login'. The main content area has a 'Product Details' section for 'Rubber Door Mats'. It features a large image of a black rubber door mat with a diamond plate pattern. Below the image, the product name 'Rubber Door Mats' is displayed. The exporter is listed as 'Gampaha Rubber Suppliers' and the category as 'Rubber Products for Home use'. The price is 'Rs. 1,600'. A quantity input field shows '1' and a blue 'Add to Cart' button. To the right of the image, there is a bulleted list of product features:

- Premium Quality and Construction**: The door mat made of heavy-duty rubber, it lays completely flat, does not curl at the ends during use, and can withstand high flow rates for long-term use both indoors and outdoors; with its low profile (0.39 inches), the door can be opened over it without dragging.
- Heavy Duty Protection**: Thousands of rubber spikes on the front door mat that do a great job of scraping off all the elements you don't want stuck to your shoes(mud, debris, dirt, snow, sand, salt...). Enough space between the rubber studs to allow sand, salt, snow, soil, small debris to fall to the bottom of the mat to hide, rather than attaching to the surface; The molded beveled 4 edges form a retention dam to keep liquids (melted snow, water, tea, pet urine, oil) from running onto the floor, keeping your floor in good condition.
- Non-Slip & Water Resistant**: Door mats outdoor feature a unique embossed diamond plate pattern and thousands of small raised rubber dots provide maximum traction for your flooring, even wood floors; one-piece rubber mat with no seam sections and waterproof.
- Versatile**: The rubber door mats versatile and durable design will meet your different needs for floor mats. Perfect for use in your front and back doors, porches, pools, garages, barns, restaurants, bars and many other high traffic areas, as well as indoors to keep the floors of your home, living spaces, workshops and offices clean. Because of its unique design, you can also use it as a pet mat, feeding mat, litter mat, or even a BBQ mat and boot tray.
- Easy to clean**: Simply vacuum with a handheld vacuum, or just shake off, or hose down and air dry.

The screenshot shows a web browser window for 'Sri Lanka Import Export Management System' at 'localhost/BIT-GroupProject/?page=products/view\_product&id=15'. The title bar says 'Meet - mbr-ibho-nfe Access Denied'. The header includes 'Howdy, thanuja123@gmail.com'. The main content area has a 'Product Details' section for 'Organic Ceylon Black Pepper (Whole) 1Kg'. It features a large image of a bowl filled with dark, whole black peppercorns. Below the image, the product name 'Organic Ceylon Black Pepper (Whole) 1Kg' is displayed. The exporter is listed as 'Matale Spice Garden' and the category as 'Hot Spices'. The price is 'Rs. 8,000'. A quantity input field shows '1' and a blue 'Add to Cart' button. A success message 'Product has added to cart.' with a checkmark icon is visible above the 'Add to Cart' button.

## Relevant Coding:



The screenshot shows two instances of the Visual Studio Code editor side-by-side, both displaying the file 'view\_product.php' from a project named 'BIT-GROUPPROJECT'. The code is a PHP script with embedded CSS and HTML.

```

File Edit Selection View Go Run Terminal Help
products > view_product.php
products > view_product.php

1 <?php
2 if(isset($_GET['id']) && $_GET['id'] > 0){
3     $qry = $conn->query("SELECT p.*, v.shop_name as exporter, c.name as 'category' FROM `product_list` p inner join exporter_list v on p.exporter_id = v.id inner join category_list c
4     if($qry->num_rows > 0){
5         foreach($qry->fetch_assoc() as $k => $v){
6             $$k=$v;
7         }
8     }else{
9         echo "<script> alert('Unknown Product ID.'); location.replace('./?page=products') </script>";
10    }
11 }else{
12     echo "<script> alert('Product ID is required.'); location.replace('./?page=products') </script>";
13 }
14 exit;
15 }
16 >
17 <style>
18 #prod-img-holder {
19     height: 45vh !important;
20     width: calc(100%);
21     overflow: hidden;
22 }
23
24 #prod-img {
25     object-fit: scale-down;
26     height: calc(100%);
27     width: calc(100%);
28     transition: transform .3s ease-in;
29 }
30 #prod-img-holder:hover #prod-img{
31     transform:scale(1.2);
32 }
33 </style>
34 <div class="content py-3">
35     <div class="card card-outline card-primary rounded-0 shadow">
36         <div class="card-header">
37             <h5 class="card-title"><b>Product Details</b></h5>
38         </div>
39         <div class="card-body">
40             <div class="container-fluid">
41                 <div id="msg"></div>
42                 <div class="row">
43                     <div class="col-lg-4 col-md-5 col-sm-12 text-center">
44                         <div class="position-relative overflow-hidden" id="prod-img-holder">
45                             <img src=<?> validate_image(isset($image_path) ? $image_path : "") alt=<?> $row['name'] ><?> id="prod-img" class="img-thumbnail bg-gradient-gray">
46                         </div>
47                     </div>
48                     <div class="col-lg-8 col-md-7 col-sm-12">
49                         <div><?> $row['name'] </div>
50                     </div>
51                 </div>
52             </div>
53         </div>
54     </div>
55     <div class="d-flex">
56         <div class="col-auto px-0"><small class="text-muted">Exporter: </small><?> $exporter </small></div>
57         <div class="col-auto px-0 flex-shrink-1 flex-grow-1"><p class="m-0"><small class="text-muted"><?> $exporter ?></small></p></div>
58     </div>
59     <div class="d-flex">
60         <div class="col-auto px-0"><small class="text-muted">Category: </small><?> $category </small></div>
61         <div class="col-auto px-0 flex-shrink-1 flex-grow-1"><p class="m-0"><small class="text-muted"><?> $category ?></small></p></div>
62     </div>
63     <div class="row align-items-end">
64         <div class="col-md-3 form-group">
65             <input type="number" min = "1" id="qty" value="1" class="form-control rounded-0 text-center">
66         </div>
67         <div class="col-md-3 form-group">
68             <button class="btn btn-primary btn-flat" type="button" id="add_to_cart"><i class="fa fa-cart-plus"></i> Add to Cart</button>
69         </div>
70         <div class="w-100"><?> html_entity_decode($description) </div>
71     </div>
72     </div>
73     </div>
74     </div>
75     </div>
76     </div>
77     </script>
78     function add_to_cart(){
79         var pid = <?> isset($id) ? $id : '';
80         var qty = $('#qty').val();
81         var el = $(el);
82         el.addClass('alert alert-danger');
83         el.hide();
84         $('#msg').html('');
85         start_loader();
86         $.ajax({
87             url:'base_url/classes/Master.php?f=add_to_cart',
88             method:'POST',
89             data:{product_id:pid,quantity:qty},
90             datatype:'json',
91             error:err=>{
92                 console.error(err)
93                 alert.toast('An error occurred.', 'error')
94             },
95             success:function(resp){
96

```

```

File Edit Selection View Go Run Terminal Help
EXPLORER
BIT-GROUPPROJECT
    > categories
    > classes
    > database
    > dist
    > exporter
        > categories
        > inc
    > orders
        > index.php
        > update_status.php
        > view_order.php
    > products
    > reports
    > user
    > .htaccess
    > 404.html
    > home.php
    > index.php
    > login.php
    > register.php
    > inc
    > libs
    > orders
    > plugins
    > products
        > index.php
        > view_product.php
    > uploads
    > .htaccess
    > 404.html
    > about.html
    > about.php
    > config.php
    > home.php
    > index.php
    > initialize.php
    > login.php
    > manage_account.php
    > register.php
    > OUTLINE
    > TIMELINE
view_product.php
products > view_product.php
    <script>
        function add_to_cart(){
            var pid = $('>').isset($id) ? $id : '';
            var qty = $('#qty').val();
            var el = $(<div>)
            el.addClass('alert alert-danger')
            el.hide()
            $('#msg').html('')
            start_loader()
            $.ajax({
                url: base_url + 'classes/Master.php?f=add_to_cart',
                method: 'POST',
                data: {product_id:pid,quantity:qty},
                datatype: 'json',
                error:err=>{
                    console.error(err)
                    alert.toast('An error occurred.', 'error')
                    end_loader()
                },
                success:resp=>{
                    if(resp.status == 'success'){
                        location.reload()
                    }else if(!resp.msg){
                        $('#msg').append(el)
                        el.show('slow')
                        $('#html_body').scrollTop(0)
                    }else{
                        el.text("An error occurred. Please try to refresh this page.")
                        $('#msg').append(el)
                        el.show('slow')
                        $('#html_body').scrollTop(0)
                    }
                    end_loader()
                }
            })
        }
        $('#add_to_cart').click(function(){
            if($('>').isset($_settings->userdata['id']) > 0 && $_settings->userdata['login_type'] == 3 >){
                add_to_cart();
            }else{
                location.href = './login.php'
            }
        })
    </script>

```

➤ Importer Registration Page

## Create an Account

Sign in to start your session

<b>First Name</b>	<b>Middle Name</b>	<b>Last Name</b>
optional		
<b>Gender</b>	<b>Contact Number</b>	
Male		
<b>Address</b>		
<b>Email</b>		
<b>Password</b>		<b>Confirm Password</b>
<input type="password"/>		<input type="password"/>
<b>Image</b>		
<input type="button" value="Choose File"/> No file chosen <div style="border: 1px solid #ccc; padding: 5px; text-align: center;">  IMAGE NOT AVAILABLE         </div>		

[Back to Site](#) [Create Account](#)

[Already have an Account](#)

## Relevant Coding:



The image shows two instances of Visual Studio Code side-by-side, both displaying the same file: 'register.php'. The file is located in a project named 'BIT-GROUPPROJECT' under the 'BIT-GROUPPROJECT' folder in the Explorer view.

```

register.php

1 <?php require_once('../config.php') ?>
2 <!DOCTYPE html>
3 <html lang="en" class="" style="height: auto;">
4 <?php require_once('inc/header.php') ?>
5 <body class="hold-transition">
6   <script>
7     start_loader()
8   </script>
9   <style>
10    html, body{
11      height: calc(100%);
12      width: calc(100%);
13    }
14    body{
15      width:calc(100%);
16      height:calc(100%);
17      background-image:url('<>' validate_image($_settings->info('cover')) ><'>');
18      background-repeat: no-repeat;
19      background-size:cover;
20    }
21    #logo-img{
22      width:15em;
23      height:1em;
24      object-fit:scale-down;
25      object-position:center center;
26    }
27    #system_name{
28      color:#fff;
29      text-shadow: 3px 3px 3px #000;
30    }
31    #cimg{
32      width:200px;
33      height:20px;
34      object-fit:scale-down;
35      object-position:center center;
36    }
37  </style>
38  <script>
39  </script>
40  <div class="d-flex justify-content-center align-items-center flex-row h-100">
41    <div class="col-5">
42      <center></center>
43      <h1 class="text-center" id="system_name"><> $_settings->info('name') <</h1>
44    </div>
45    <div class="col-7 h-100 bg-gradient-light px-4">
46      <div class="d-flex justify-content-center align-items-center w-100 h-100">
47        <div class="card card-outline card-primary col-12 rounded-0 shadow">
48          <div class="card-header text-center">
49            <a href="/register.php" class="h1"><b>Create an Account</b></a>
50          </div>
51          <div class="card-body">
52            <p class="login-box-msg">Sign in to start your session:</p>
53            <form id="cregister-form" action="" method="post">
54              <input type="hidden" name="id">
55              <div class="row">
56                <div class="form-group col-md-4">
57                  <label for="firstname" class="control-label">First Name</label>
58                  <input type="text" id="firstname" name="firstname" class="form-control form-control-sm form-control-border" required>
59                </div>
60                <div class="form-group col-md-4">
61                  <label for="middlename" class="control-label">Middle Name</label>
62                  <input type="text" id="middlename" name="middlename" class="form-control form-control-sm form-control-border" placeholder="optional">
63                </div>
64                <div class="form-group col-md-4">
65                  <label for="lastname" class="control-label">Last Name</label>
66                  <input type="text" id="lastname" name="lastname" class="form-control form-control-sm form-control-border" required>
67                </div>
68              </div>
69              <div class="form-group col-md-4">
70                <label for="gender" class="control-label">Gender</label>
71                <select type="text" id="gender" name="gender" class="form-control form-control-sm form-control-border select2" required>
72                  <option>Male</option>
73                  <option>Female</option>
74                </select>
75              </div>
76              <div class="form-group col-md-4">
77                <label for="contact" class="control-label">Contact Number</label>
78                <input type="text" id="contact" name="contact" class="form-control form-control-sm form-control-border" required>
79              </div>
80              <div class="row">
81                <div class="form-group col-md-12">
82                  <label for="address" class="control-label">Address</label>
83                  <textarea rows="3" id="address" name="address" class="form-control form-control-sm rounded-0" required></textarea>
84                </div>
85              </div>
86              <div class="row">
87                <div class="form-group col-md-6">
88                  <label for="email" class="control-label">Email</label>
89                  <input type="email" id="email" name="email" class="form-control form-control-sm form-control-border" required>
90                </div>
91              </div>
92            </div>
93          </div>
94        </div>

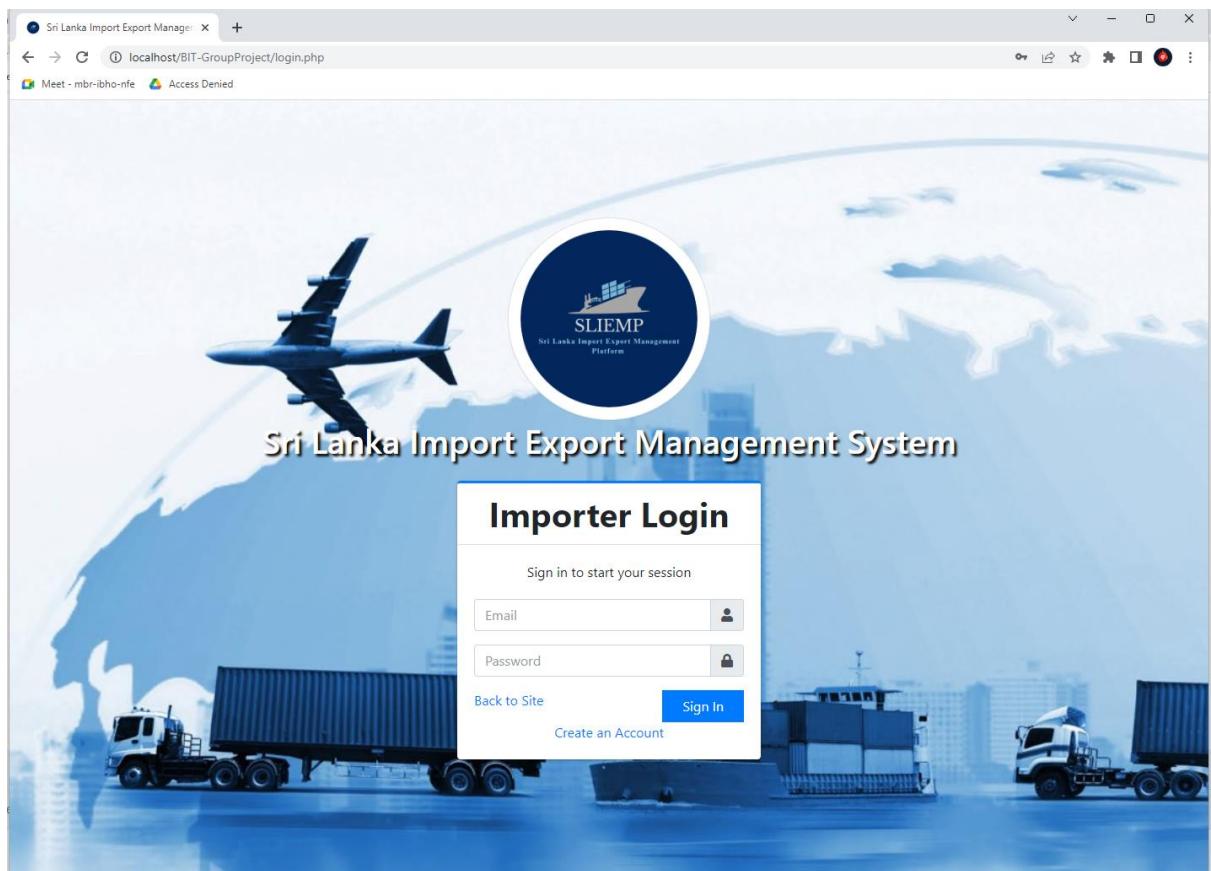
```

The screenshot shows a dual-pane view in Visual Studio Code. The left pane displays the file structure of a project named 'BIT-GROUPPROJECT'. The right pane shows the content of the 'register.php' file.

**File Explorer (Left):**

- BIT-GROUPPROJECT
  - > categories
  - > classes
  - > database
  - > dist
  - > exporter
    - > categories
    - > inc
    - > orders
      - index.php
      - update\_status.php
      - view\_order.php
    - > products
    - > reports
    - > user
  - > .htaccess
  - > 404.html
  - > about.html
  - > config.php
  - > home.php
  - > index.php
  - > login.php
  - > manage\_account.php
  - > register.php

## ➤ Importer Login Page

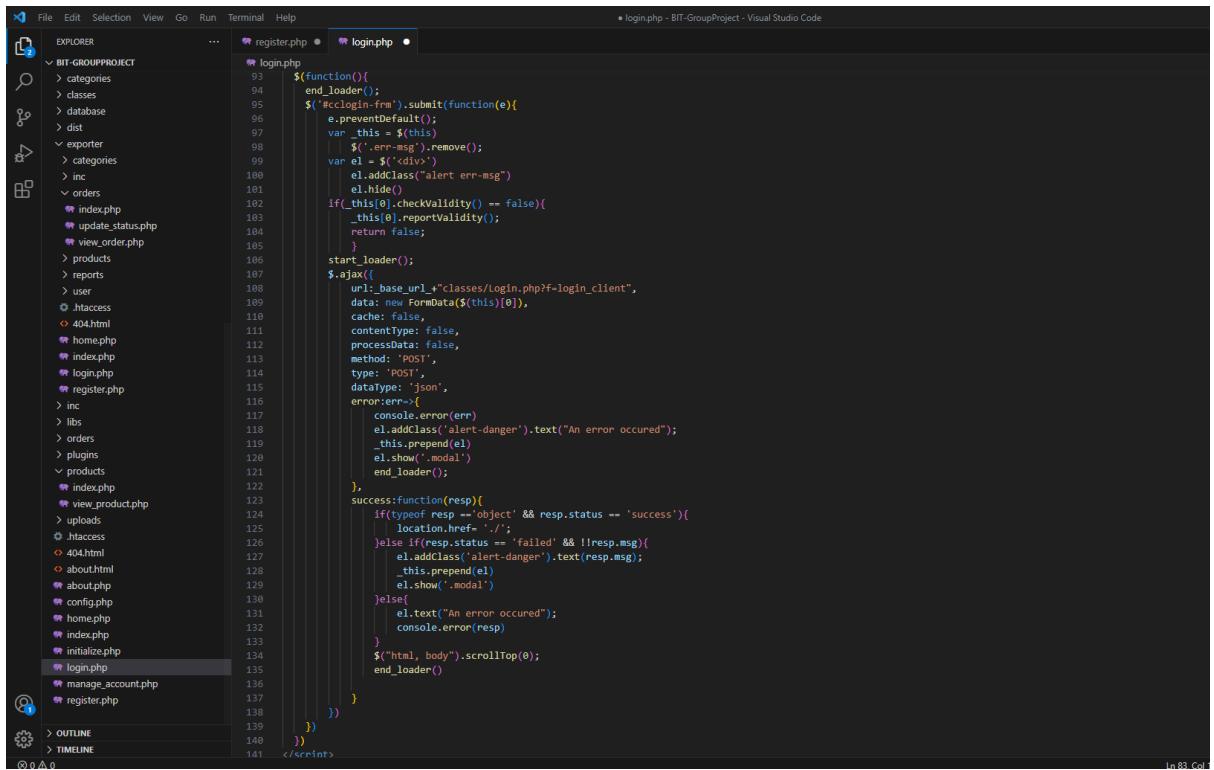


## Relevant coding:

```

register.php  login.php

login.php
1 <?php require_once('./config.php') ?>
2 <!DOCTYPE html>
3 <html lang="en" style="height: auto;">
4 <?php require_once('inc/header.php') ?>
5 <body class="hold-transition login-page">
6   <script>
7     | start_loader()
8   </script>
9   <style>
10    | body{
11      |   width:calc(100%);
12      |   height:calc(100%);
13      |   background-image:url('<?php validate_image($_settings->info('cover')) ?>');
14      |   background-repeat: no-repeat;
15      |   background-size:cover;
16    }
17    | #logo-img{
18      |   width:15em;
19      |   height:15em;
20      |   object-fit:scale-down;
21      |   object-position:center center;
22    }
23    | #system_name{
24      |   color:#fff;
25      |   text-shadow: 3px 3px 3px #000;
26    }
27  </style>
28  <?php if($_settings->chk_flashdata('success')):>
29  <script>
30    | alert_toast("<?php echo $_settings->flashdata('success') ?>","success")
31  </script>
32 </?php endif;>
33 <center></center>
34 <h1 class="text-center" id="system_name"><?php echo $_settings->info('name') ?></h1>
35 <div class="clear-fix my-2"></div>
36 <div class="login-box">
37   <!-- /login-logo -->
38   <div class="card card-outline card-primary">
39     <div class="card-header text-center">
40       <a href="#">/login.php</a><span class="hi text-decoration-none"><b>Importer Login</b></span>
41     </div>
42     <div class="card-body">
43       <p class="login-box-msg">Sign in to start your session</p>
44       <form id="cclogin-fm" action="" method="post">
45         <div class="input-group mb-3">
46           <input type="email" class="form-control" name="email" autofocus placeholder="Email">
47           <div class="input-group-append">
48             <span class="fas fa-user"></span>
49           </div>
50         </div>
51         <div class="input-group mb-3">
52           <input type="password" class="form-control" name="password" placeholder="Password">
53           <div class="input-group-append">
54             <div class="input-group-text">
55               <span class="fas fa-lock"></span>
56             </div>
57           </div>
58         </div>
59         <div class="row align-item-end">
60           <div class="col-8">
61             <a href="<?php base_url ?>">Back to Site</a>
62           </div>
63         </div>
64         <div class="col-4">
65           <button type="submit" class="btn btn-primary btn-block btn-flat">Sign In</button>
66         </div>
67       </form>
68     </div>
69   </div>
70 </div>
71 <div class="col-12 text-center">
72   <a href="<?php base_url.'./register.php' ?>">Create an Account</a>
73 </div>
74 </div>
75 <!-- jQuery -->
76 <script src="plugins/jquery/jquery.min.js"></script>
77 <!-- Bootstrap 4 -->
78 <script src="plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
79 <!-- AdminLTE App -->
80 <script src="dist/js/adminlte.min.js"></script>
81 <script>
82   $(function(){
83     ...
84   })
85 </script>
86 
```

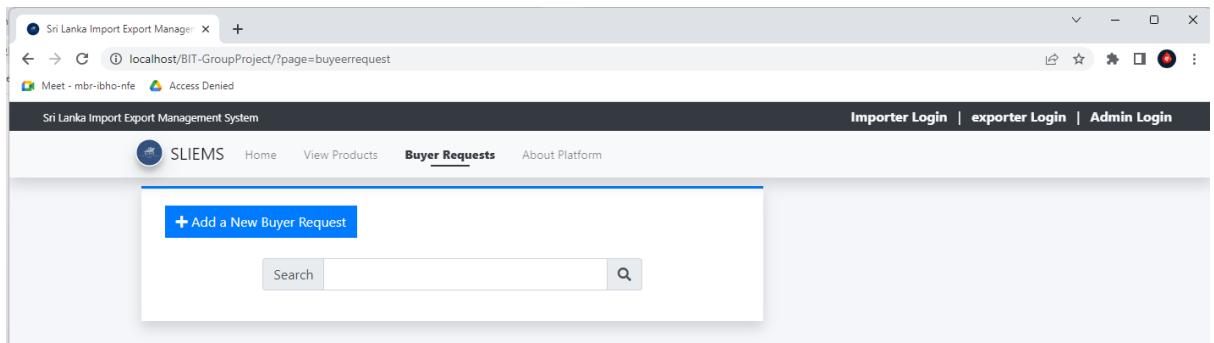


```

File Edit Selection View Go Run Terminal Help
register.php login.php

register.php
93     $function(){
94         end_loader();
95         $('#ccloginfrm').submit(function(e){
96             e.preventDefault();
97             var this = $(this);
98             $('._err-msg').remove();
99             var el = $('');
100            el.addClass('alert err-msg')
101            el.hide()
102            if(_this[0].checkValidity() == false){
103                _this[0].reportValidity();
104                return false;
105            }
106            start_loader();
107            $.ajax({
108                 url:_base_url+"classes/Login.php?f=login_client",
109                 data: new FormData($(this)[0]),
110                 cache: false,
111                 contentType: false,
112                 processData: false,
113                 method: "POST",
114                 type: "POST",
115                 dataType: "json",
116                 error:err=>{
117                     console.error(err);
118                     el.addClass('alert-danger').text("An error occurred");
119                     _this.prepend(el)
120                     el.show('.modal')
121                     end_loader();
122                 },
123                 success:resp=>{
124                     if(typeof resp == 'object' && resp.status == 'success'){
125                         location.href='/';
126                     }else if(resp.status == 'failed' && !resp.msg){
127                         el.addClass('alert-danger').text(resp.msg);
128                         _this.prepend(el)
129                         el.show('.modal')
130                     }else{
131                         el.text("An error occurred");
132                         console.error(resp)
133                     }
134                     $("html, body").scrollTop(0);
135                     end_loader()
136                 }
137             })
138         })
139     })
140   
```

## ➤ Buyer Request Page

Sri Lanka Import Export Management System

Importer Login | exporter Login | Admin Login

SLIEMS Home View Products Buyer Requests About Platform

[+ Add a New Buyer Request](#)

### Add New Buyer Request

Request Name	Expected Price
Buyer Name	Photo <input type="file"/> Choose File No file chosen
Contact Number	
Description	 IMAGE NOT AVAILABLE

[Save](#) [Cancel](#)

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SLIEMS (by: BugMinions Group - BIT UoM) v1.0

## Relevant Coding:

File Edit Selection View Go Run Terminal Help index.php - BIT-GroupProject - Visual Studio Code

EXPLORER    ...    register.php    login.php    index.php

BIT-GROUPPROJECT    buyerequest    index.php

```

1 <div class="col-md-8">
2   <div class="card card-outline card-primary shadow rounded-0">
3     <div class="card-body">
4       <div class="container-fluid">
5         <div class="card-tools">
6           <a href="javascript:void(0)" class="btn btn-flat btn-primary" id="create_new">
7             <span class="fa fa-plus"></span> Add a New Buyer Request
8           </a>
9         </div><br>
10        <div class="row justify-content-center mb-3">
11          <div class="col-lg-8 col-md-10 col-sm-12">
12            <form action="" id="search_frm">
13              <div class="input-group-prepend">
14                <div class="input-group-text">Search</div>
15              <input type="search" id="search" class="form-control" value="<?php if(isset($_GET['search'])) ? $_GET['search'] : '' ?>">
16              <div class="input-group-append">
17                <span class="input-group-text"><i class="fa fa-search"></i></span>
18              </div>
19            </div>
20          </div>
21        </div>
22      <div class="row" id="product_list">
23        <?php
24          $where = "";
25          if (!isset($_GET['search']) && !empty($_GET['search'])) {
26            $Search = $_GET['search'];
27            $where .= " AND (p.requestName LIKE '%$search%' OR p.description LIKE '%$search%' OR p.buyerName LIKE '%$search%')";
28          }
29
30          $request = $conn->query("SELECT p.*, c.requestName as 'requestName' FROM `buyerreq_list` 
31          INNER JOIN buyerreq_list c ON p.contactNo = c.contactNo
32          WHERE 1 $where
33          ORDER BY RAND()");
34
35          while ($row = $request->fetch_assoc()):
36        >
37          <div class="col-lg-4 col-md-6 col-sm-12 product-item">
38            <a href="/?page=products/view_product&id=> $row['id'] >>">
39              <div class="card shadow rounded-0 text-reset text-decoration-none">
40                <div class="product-img-holder position-relative">
41                  
43                </div>
44              </div>
45            </a>
46          </div>
47        >
48      </div>
49    </?php
50  </body>
51  </html>
52
53  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
54  <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"></script>
55  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.min.js"></script>
56
57  <script>
58    $(document).ready(function() {
59      $('#create_new').click(function() {
60        $('#create_new').attr('disabled', true);
61        $('#create_new').text('Creating...');
62        $.post('/?page=products/add_product', {
63          name: $('#name').val(),
64          description: $('#description').val(),
65          price: $('#price').val(),
66          quantity: $('#quantity').val(),
67          category: $('#category').val(),
68          brand: $('#brand').val(),
69          image: $('#image').val()
70        }, function(response) {
71          if (response.success) {
72            alert('Product created successfully!');
73            location.reload();
74          } else {
75            alert('Error creating product.');
76          }
77        });
78      });
79    });
80  </script>
81
82  <style>
83    .product-item {
84      margin-bottom: 10px;
85    }
86    .product-item a {
87      color: inherit;
88      text-decoration: none;
89    }
90    .product-item .card {
91      border: 1px solid #ccc;
92      padding: 10px;
93    }
94    .product-item .img-top {
95      width: 100px;
96      height: 100px;
97    }
98  </style>
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index.php - BIT-GroupProject - Visual Studio Code

```

<div class="card-body border-top border-gray">
  <div class="d-flex w-100"><?= $row['requestName'] ?></div>
  <div class="col-auto px-0"><small class="text-muted">Buyer Name: </small></div>
  <div class="col-auto px-0 flex-shrink-1 flex-grow-1">
    <p class="text-truncate m-0"><small class="text-muted"><?= $row['buyerName'] ?></small></p>
  </div>
</div>
<div class="d-flex">
  <div class="col-auto px-0"><small class="text-muted">Contact No: </small></div>
  <div class="col-auto px-0 flex-shrink-1 flex-grow-1">
    <p class="text-truncate m-0"><small class="text-muted"><?= $row['contactNo'] ?></small></p>
  </div>
</div>
<div class="d-flex">
  <div class="col-auto px-0"><small class="text-muted">Expected Price: Rs. </small></div>
  <div class="col-auto px-0 flex-shrink-1 flex-grow-1">
    <p class="text-primary pl-3"><small class="text-primary"><?= format_num($row['expectedPrice']) ?></small></p>
  </div>
</div>
<div class="card-text truncate-3 w-100"><?= strip_tags(html_entity_decode($row['description'])) ?></p>
</div>
</div>
<?php endwhile; ?>
</div>
</div>
</div>
</div>
<script>
$(document).ready(function(){
  $('#create_new').click(function(){
    uni_modal('Add New Buyer Request', 'buyeerrequest/manage_product.php', 'large');
  });

  $('.view_data').click(function(){
    uni_modal('View Buyer Request Details', 'buyeerrequest/view_product.php?id=' + $(this).attr('data-id'), 'large');
  });

  $('.edit_data').click(function(){
    uni_modal('Update Buyer Request', 'buyeerrequest/manage_product.php?id=' + $(this).attr('data-id'), 'large');
  });

  $('.delete_data').click(function(){
    _conf("Are you sure to delete this Buyer Request permanently?", "delete_product", [$(this).attr('data-id')]);
  });
});


```

index.php - BIT-GroupProject - Visual Studio Code

```

// </div>
78 </div>
79
80 <script>
81 $(document).ready(function(){
82   $('#create_new').click(function(){
83     uni_modal('Add New Buyer Request', 'buyeerrequest/manage_product.php', 'large');
84   });
85
86   $('.view_data').click(function(){
87     uni_modal('View Buyer Request Details', 'buyeerrequest/view_product.php?id=' + $(this).attr('data-id'), 'large');
88   });
89
90   $('.edit_data').click(function(){
91     uni_modal('Update Buyer Request', 'buyeerrequest/manage_product.php?id=' + $(this).attr('data-id'), 'large');
92   });
93
94   $('.delete_data').click(function(){
95     _conf("Are you sure to delete this Buyer Request permanently?", "delete_product", [$(this).attr('data-id')]);
96   });
97
98   $('table th,table td').addClass("align-middle px-2 py-1");
99   $('.table').dataTable();
100 });
101
102 function delete_product($id){
103   start_loader();
104   $.ajax({
105     url: _base_url_ + "classes/Master.php?f=delete_product",
106     method: "POST",
107     data: { id: $id },
108     dataType: "json",
109     error: function(err){
110       console.log(err);
111       alert_toast("An error occurred.", 'error');
112       end_loader();
113     },
114     success: function(resp){
115       if(typeof resp == 'object' && resp.status == 'success'){
116         location.reload();
117       }else{
118         alert_toast("An error occurred.", 'error');
119         end_loader();
120       }
121     }
122   });
123 }
124 </script>

```

➤ Cart Page

Sri Lanka Import Export Manager x +

localhost/BIT-GroupProject/?page=orders/cart

Meet - mbr-ibho-nfe Access Denied

Howdy, thanuja123@gmail.com

### SLIEMS Home View Products Buyer Requests About Platform Cart My Orders

#### Cart List

exporter: 202307-00005 - Kurunegala Coconut Products

	<b>Coconut husks 1KG</b>	Price: Rs. 580	Qty: <input type="button" value="-"/> <input type="text" value="1"/> <input type="button" value="+"/> <span style="border: 1px solid red; padding: 2px;">X Remove</span>	580
	<b>Desiccated Coconut 1KG</b>	Price: Rs. 450	Qty: <input type="button" value="-"/> <input type="text" value="1"/> <input type="button" value="+"/> <span style="border: 1px solid red; padding: 2px;">X Remove</span>	450
				Total 1,030
exporter: 202307-00007 - Matale Spice Garden				
	<b>Organic Ceylon Black Pepper (Whole) 1Kg</b>	Price: Rs. 8,000	Qty: <input type="button" value="-"/> <input type="text" value="1"/> <input type="button" value="+"/> <span style="border: 1px solid red; padding: 2px;">X Remove</span>	8,000
				Total 8,000
				<b>Grand Total 9,030</b>
<span style="border: 1px solid blue; padding: 5px; color: blue;">Checkout</span>				

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SLIEMS (by: RunMinions Group - BIT UoM) v1.0

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SLIEMS (by: BugMinions Group - BIT UoM ) v1.0

## Relevant Coding:

```
File Edit Selection View Go Run Terminal Help register.php • login.php • cart.php
orders > cart.php
1 <style>
2   .prod-img {
3     width:calc(100%);
4     height:auto;
5     max-height: 10em;
6     object-fit:scale-down;
7     object-position:center center
8   }
9 </style>
10 <div class="content py-3">
11   <div class="card card-outline card-primary rounded-0 shadow-0">
12     <div class="card-header">
13       <h3 class="card-title">Cart ListPrice: Rs. </small><?php echo format_num($row['price']) ?></div>
43                   <div class="col-auto px-0 flex-shrink-1 flex-grow-1"><p class="m-0 p-1"><small class="text-primary"><?php echo format_num($row['price']) ?></small></p></div>
44                   <div class="d-flex">
45                     <div class="col-auto px-0"><small class="text-muted">Qty: </small><?php echo $row['quantity'] ?></div>
46                     <div class="col-auto">
47                       <div style="width:10em">
48                         <input type="text" value="<?php echo $row['quantity'] ?>">
49                       </div>
50                     </div>
51                   </div>
52                 </div>
53               </div>
54             </php>
55           </div>
56         </div>
57       </div>
58     </div>
59   </div>
60 </div>
```

cart.php - BIT-GroupProject - Visual Studio Code

```

orders > cart.php
46     <div class="col-auto px-0"><small class="text-muted">Qty: </small></div>
47     <div class="col-auto">
48         <div class="" style="width:10em">
49             <div class="input-group input-group-sm">
50                 <button class="btn btn-primary min-qty" data-id="=$row['id']?" type="button"><i class="fa fa-minus"></i></button>
51                 <input type="text" value="=$row['quantity']?" class="form-control text-center" readonly="readonly" />
52                 <button class="btn btn-primary plus-qty" data-id="=$row['id']?" type="button"><i class="fa fa-plus"></i></button>
53             </div>
54         </div>
55     </div>
56     <div class="col-auto flex-shrink-1 flex-grow-1">
57         <button class="btn btn-flat btn-outline-danger btn-sm rem_item" data-id="=$row['id']?"><i class="fa fa-times"></i> Remove</button>
58     </div>
59     </div>
60     <div class="col-3 text-right"><?= format_num($total) ?></div>
61     </div>
62     <?php endwhile; ?>
63 </div>
64 <div class="col-12 border">
65     <div class="d-flex">
66         <div class="col-9 text-right font-weight-bold text-muted">Total</div>
67         <div class="col-3 text-right font-weight-bold"><?= format_num($total) ?></div>
68     </div>
69     <div>
70         <div class="d-flex">
71             <div class="col-9 text-right font-weight-bold text-right text-muted">Grand Total</div>
72             <div class="col-3 text-right font-weight-bold text-right"><?= format_num($total) ?></div>
73         </div>
74     </div>
75 </div>
76 </div>
77 </div>
78 </div>
79 </div>
80 </div>
81 </div>
82 <div class="clear-fix mb-2"></div>
83 <div class="text-right">
84     <a href="=$url['page-orders/checkout']?" class="btn btn-flat btn-primary btn-sm"><i class="fa fa-money-bill-wave"></i> Checkout</a>
85 </div>
86 </div>
87 <script>
88     $(function(){
89         $('.plus-qty').click(function(){
90             var group = $(this).closest('.input-group')
91             var qty = parseFloat(group.find('input').val()) + 1;
92             group.find('input').val(qty)
93             var cart_id = $(this).attr('data-id')

```

cart.php - BIT-GroupProject - Visual Studio Code

```

orders > cart.php
93     var cart_id = $(this).attr('data-id')
94     var el = $(el)
95     el.addClass('alert alert-danger')
96     el.hide()
97     start_loader()
98     $.ajax({
99         url: base_url+'classes/Master.php?f=update_cart_qty',
100        method:'POST',
101        data:{cart_id:cart_id,quantity:qty},
102        dataType:'json',
103        error:err=>{
104            console.error(err)
105            alert_toast('An error occurred.', 'error')
106            end_loader()
107        },
108        success:function(resp){
109            if(resp.status == 'success'){
110                location.reload()
111            }else if(!resp.msg){
112                el.text(resp.msg)
113                el.show('slow')
114                $('html, body').scrollTop(0)
115            }else{
116                el.text("An error occurred. Please try to refresh this page.")
117                $('msg').append(el)
118                el.show('slow')
119                $('html, body').scrollTop(0)
120            }
121            end_loader()
122        }
123    })
124 }
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
$('.min-qty').click(function(){
    var group = $(this).closest('.input-group')
    if(parseFloat(group.find('input').val()) == 1){
        return false;
    }
    var qty = parseFloat(group.find('input').val()) - 1;
    group.find('input').val(qty)
    var cart_id = $(this).attr('data-id')
    var el = $(el)
    el.addClass('alert alert-danger')
    el.hide()
    start_loader()
    $.ajax({
        url: base_url+'classes/Master.php?f=update_cart_qty',
        method:'POST'
    })
})

```

File Edit Selection View Go Run Terminal Help

register.php login.php cart.php

```

orders > cart.php
orders
143 dataType:'json',
144 error:err=>{
145   console.error(err)
146   alert_toast('An error occurred.', 'error')
147   end_loader()
148 },
149 success:function(resp){
150   if(resp.status == 'success'){
151     location.reload()
152   }else if(!resp.msg){
153     el.text(resp.msg)
154     $('#msg').append(el)
155     el.show('slow')
156     $('html, body').scrollTop(0)
157   }else{
158     el.text("An error occurred. Please try to refresh this page.")
159     $('#msg').append(el)
160     el.show('slow')
161     $('html, body').scrollTop(0)
162   }
163   end_loader()
164 }
165 })
166 )
167 $('.rem_item').click(function(){
168   _conf("Are you sure delete this item from cart list?",'delete_cart',[this].attr('data-id'))
169 })
170 ))
171 function delete_cart($id){
172   start_loader();
173   $.ajax({
174     url:_base_url+'classes/Master.php?f=delete_cart',
175     method:"POST",
176     data:{id:$id},
177     dataType:'json',
178     error:err=>{
179       console.log(err)
180       alert_toast('An error occurred.', 'error');
181       end_loader();
182     },
183     success:function(resp){
184       if(typeof resp=='object' && resp.status == 'success'){
185         location.reload();
186       }else{
187         alert_toast("An error occurred.", "error");
188         end_loader();
189       }
190     }
191   })
192   $('.rem_item').click(function(){
193     _conf("Are you sure delete this item from cart list?",'delete_cart',[this].attr('data-id'))
194   })
195 })
196 
```

File Edit Selection View Go Run Terminal Help

register.php login.php cart.php

```

orders > cart.php
orders
143 },
144 success:function(resp){
145   if(resp.status == 'success'){
146     location.reload()
147   }else if(!resp.msg){
148     el.text(resp.msg)
149     $('#msg').append(el)
150     el.show('slow')
151     $('html, body').scrollTop(0)
152   }else{
153     el.text("An error occurred. Please try to refresh this page.")
154     $('#msg').append(el)
155     el.show('slow')
156     $('html, body').scrollTop(0)
157   }
158   end_loader()
159 }
160 ))
161 $('.rem_item').click(function(){
162   _conf("Are you sure delete this item from cart list?",'delete_cart',[this].attr('data-id'))
163 })
164 ))
165 function delete_cart($id){
166   start_loader();
167   $.ajax({
168     url:_base_url+'classes/Master.php?f=delete_cart',
169     method:"POST",
170     data:{id:$id},
171     dataType:'json',
172     error:err=>{
173       console.log(err)
174       alert_toast('An error occurred.', 'error');
175       end_loader();
176     },
177     success:function(resp){
178       if(typeof resp=='object' && resp.status == 'success'){
179         location.reload();
180       }else{
181         alert_toast("An error occurred.", "error");
182         end_loader();
183       }
184     }
185   })
186   $('.rem_item').click(function(){
187     _conf("Are you sure delete this item from cart list?",'delete_cart',[this].attr('data-id'))
188   })
189 })
190 
```

Ln 13, Col 45 (9 selected)

## ➤ Checkout Page

The screenshot shows the SLIEMS (Sri Lanka Import Export Management System) Checkout page. At the top, there's a header bar with the system name and a user profile. Below it, a navigation menu includes Home, View Products, Buyer Requests, About Platform, Cart (with 3 items), and My Orders. The main content area is titled "Checkout". On the left, a "Delivery Address" section contains the text "No 30, Hingurakgoda". On the right, a "Summary" box displays two items: "202307-00005 - Kurunegala Coconut Products" with a value of "1,030" and "202307-00007 - Matale Spice Garden" with a value of "8,000". The total "Grand Total" is "9,030". A "Place Order" button is located at the bottom of the summary box.

The screenshot shows the SLIEMS View Products page. The header and navigation bar are identical to the previous screenshot. The main content area features a search bar and filters for "All" and "BATIK SAREE" products. A prominent message box in the center says "Order has been placed" with a green checkmark icon. The footer of the page includes copyright information and a note about the system being developed by the BugMinions Group at BIT UoM.

## Relevant Coding:

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows the project structure for "BIT-GROUPPROJECT". The "orders" folder contains "index.php", "update\_status.php", "view\_order.php", "index.php", "login.php", "register.php", "cart.php", "checkout.php", "my\_orders.php", and "view\_order.php". Other files listed include ".htaccess", "404.html", "about.html", "about.php", "config.php", "home.php", "index.php", "initialization.php", "login.php", "manage\_account.php", and "register.php".
- Code Editor (Center):** The current file is "checkout.php". The code is a PHP script for a checkout page. It includes form handling for delivery address and payment, a summary section displaying item details and total price, and a grand total calculation.
- Status Bar (Bottom):** Shows the file path as "bitgroup-project\checkout.php", the line number as "Line 34 Col 111", and the status message "Spaces: 4 UTF-8 CR LF".

```
register.php • login.php • checkout.php
orders > checkout.php
orders > checkout.php
1  $<!-- content py-3 -->
2  <div class="card card-outline card-primary shadow rounded-8">
3    <div class="card-header">
4      <h3 class="h3 card-title">Checkout</h3>
5    </div>
6    <div class="card-body">
7      <div class="row">
8        <div class="col-md-8">
9          <form action="" id="checkout-form">
10            <div class="form-group">
11              <label for="delivery_address" class="control-label">Delivery Address</label>
12              <textarea name="delivery_address" id="delivery_address" rows="4" class="form-control rounded-0" required><?php $settings->userdata('address') ?></textarea>
13            </div>
14            <div class="form-group text-right">
15              <button class="btn btn-flat btn-default btn-sm bg-navy">Place Order</button>
16            </div>
17          </form>
18        </div>
19        <div class="col-md-4">
20          <div class="row" id="summary">
21            <div class="col-12 border">
22              <h2 class="text-center"><b>Summary</b></h2>
23            </div>
24          </div>
25          <?php
26          $total = 0;
27          $exporters = $conn->query("SELECT * FROM `exporter_list` WHERE id IN (SELECT exporter_id FROM product_list WHERE id IN (SELECT product_id FROM `cart_list` WHERE importer_id = ?))");
28          while($row=>fetch_assoc()):
29            $total += $conn->query("SELECT sum(c.quantity * p.price) FROM `cart_list` c INNER JOIN product_list p ON c.product_id = p.id WHERE c.importer_id = ?");
30            $total += $total;
31          <?php
32          <div class="col-12 border item">
33            <div class="text-muted"><small><?php $row['code']. " - " . $row['shop_name'] ?></small></div>
34            <div class="text-right"><b><?php echo format_num($total) ?></b></div>
35          </div>
36          <?php endwhile; >
37          <div class="col-12 border">
38            <div class="text-muted"><b>Grand Total:</b></div>
39            <div class="text-right h3" id="total"><b><?php echo format_num($total) ?></b></div>
40          </div>
41        </div>
42      </div>
43    </div>
44  </div>
45  </div>
46  >
47  >
48  >
49  >
50  >
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91  >
92  >
93  >
94  >
95  >
96  >
97  >
98  >
99  >
100 >
```

## ➤ My orders Page

Sri Lanka Import Export Manager X +

localhost/BIT-GroupProject/?page=orders/my\_orders

Meet - mbr-ibho-nfe Access Denied

## SLIEMS Home View Products Buyer Requests About Platform Cart My Orders

### My Orders

Show 10 entries Search:

#	Date Ordered	Ref. Code	Total Amount (Rs.)	Status	Action
1	2023-07-05 19:20	202307-00002	8,000	Pending	Action ▾
2	2023-07-05 19:20	202307-00001	1,030	Pending	Action ▾

Showing 1 to 2 of 2 entries

Previous 1 Next

## Relevant Coding:

File Edit Selection View Go Run Terminal Help

my\_orders.php - BTT-GroupProject - Visual Studio Code

EXPLORER

BIT-GROUPPROJECT  
  index.php  
  categories  
  classes  
  database  
  dist  
  exporter  
  categories  
  inc  
  orders  
    index.php  
    update\_status.php  
    view\_order.php  
  products  
  reports  
  user  
  .htaccess  
  404.html  
  home.php  
  index.php  
  login.php  
  register.php  
  inc  
  libs  
  orders  
    cart.php  
    checkout.php  
  my\_orders.php  
  view\_order.php  
  plugins  
  products  
    index.php  
    view\_product.php  
  uploads  
  .htaccess  
  404.html  
  about.html  
  about.php  
  config.php  
  home.php  
  index.php  
  outline  
  timeline

register.php ● login.php ● my\_orders.php

```
orders > my_orders.php
```

```
46         break;
47     case 2:
48         echo '<span class="badge badge-info bg-gradient-info px-3 rounded-pill">Packed</span>';
49         break;
50     case 3:
51         echo '<span class="badge badge-warning bg-gradient-warning px-3 rounded-pill">Out For Delivery</span>';
52         break;
53     case 4:
54         echo '<span class="badge badge-success bg-gradient-success px-3 rounded-pill">Delivered</span>';
55         break;
56     case 5:
57         echo '<span class="badge badge-danger bg-gradient-danger px-3 rounded-pill">Cancelled</span>';
58         break;
59     default:
60         echo '<span class="badge badge-light bg-gradient-light border px-3 rounded-pill">Not Acquired</span>';
61         break;
62     }
63   }
64   </td>
65   <td class="px-2 py-1 align-middle text-center">
66     <button type="button" class="btn btn-flat border btn-light btn-sm dropdown-toggle dropdown-icon" data-toggle="dropdown">
67       Action
68       <span class="sr-only">Toggle Dropdown</span>
69     </button>
70     <div class="dropdown-menu" role="menu">
71       <a class="dropdown-item view_data" href="javascript:void(0)" data-id=<?php echo $row['id']; ?>" data-code=<?php echo $row['code']; ?>"><span class="fa fa-eye text-dark">
72     </div>
73   </td>
74 </tr>
75 </tbody>
76 </table>
77 </div>
78 </div>
79 </div>
80 </div>
81 </div>
82 <script>
83   $(function(){
84     $('.view_data').click(function(){
85       uni_modal('View Order Details - <b>' + $(this).attr('data-code') + '</b>', "orders/view_order.php?id=" + $(this).attr('data-id'), 'mid-large')
86     })
87   })
88 </script>
89 </body>
```

## ➤ Importer Logout



## 5.1.2 Exporter

- Exporter Registration Page

The screenshot shows a web browser window for the 'Sri Lanka Import Export Management System' (SLIEMP). The title bar reads 'Sri Lanka Import Export Management System'. The address bar shows 'localhost/BIT-GroupProject/exporter/register.php'. A message 'Access Denied' is visible. The main content area features a large background image of a cargo ship at sea with a truck in the foreground. Overlaid on this is a circular logo for SLIEMP and the text 'Sri Lanka Import Export Management System'. To the right, there is a 'Create an Account' form with fields for Business Name, Business Owner Fullname, Contact Number, Business Type (with a dropdown menu showing 'Please Select Here'), Username, Password, Confirm Password, and Business Logo (with a 'Choose File' button and a placeholder 'IMAGE NOT AVAILABLE'). Below the form are links 'Back to Site', 'Create Account', and 'Already have an Account'.

- Exporter Login Page

The screenshot shows a web browser window for the 'Sri Lanka Import Export Management System' (SLIEMP). The title bar reads 'Sri Lanka Import Export Management System'. The address bar shows 'localhost/BIT-GroupProject/exporter/login.php'. A message 'Access Denied' is visible. The main content area features a large background image of a cargo ship at sea with a truck in the foreground. Overlaid on this is a circular logo for SLIEMP and the text 'Sri Lanka Import Export Management System'. Below this is a 'exporter Login' form with fields for Email (containing 'rajitha123') and Password (containing '\*\*\*\*\*'). There are also 'Sign In' and 'Create an Account' buttons, as well as 'Back to Site' and 'Sign In' links. The overall design is blue-themed with industrial imagery.

## ➤ Exporter Dashboard



Welcome to Sri Lanka Import Export Management System  
exporter Dashboard

Total Categories 1

Total Products 2

Total Pending Orders 1

## Relevant Coding:

```
home.php
1 <h1>Welcome to <?php echo $_settings->info('name') ?> exporter Dashboard</h1>
2
3 <style>
4 #cover-image{
5   width:calc(100%);
6   height:50vh;
7   object-fit:cover;
8   object-position:center center;
9 }
10 </style>
11 <div>
12   <div class="row">
13     <div class="col-12 col-sm-4 col-md-4">
14       <div class="info-box">
15         <span class="info-box-icon bg-gradient-primary elevation-1"><i class="fas fa-th-list"></i></span>
16         <div class="info-box-content">
17           <span class="info-box-text">Total Categories</span>
18           <span class="info-box-number text-right h4">
19             <?php
20               $total = $conn->query("SELECT count(id) as total FROM category_list where delete_flag = 0 and exporter_id = '$_settings->userdata('id')' ")->fetch_assoc()['total'];
21             echo format_num($total);
22           ?>
23           </span>
24         </div>
25       </div>
26     </div>
27   </div>
28 </div>
29 <div class="col-12 col-sm-4 col-md-4">
30   <div class="info-box">
31     <span class="info-box-icon bg-gradient-secondary elevation-1"><i class="fas fa-boxes"></i></span>
32     <div class="info-box-content">
33       <span class="info-box-text">Total Products</span>
34       <span class="info-box-number text-right h4">
35         <?php
36           $total = $conn->query("SELECT count(id) as total FROM product_list where delete_flag = 0 and exporter_id = '$_settings->userdata('id')' ")->fetch_assoc()['total'];
37           echo format_num($total);
38         ?>
39         </span>
40       </div>
41     </div>
42   </div>
43 </div>
44 <div class="col-12 col-sm-4 col-md-4">
45   <div class="info-box">
46     <span class="info-box-text">Total Pending Orders</span>
47     <span class="info-box-number text-right h4">
48       <?php
49         $total = $conn->query("SELECT count(id) as total FROM order_list where status = 'Pending' and delete_flag = 0 and exporter_id = '$_settings->userdata('id')' ")->fetch_assoc()['total'];
50         echo format_num($total);
51       ?>
52       </span>
53     </div>
54   </div>
55 </div>
```

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** On the left, the 'BIT-GROUPPROJECT' folder is expanded, showing files like 'index.php', 'manage\_product.php', 'view\_product.php', 'reports', 'user', 'htaccess', '404.html', 'home.php', 'index.php', 'login.php', 'register.php', 'inc', 'libs', 'orders', 'cart.php', 'checkout.php', 'my\_orders.php', 'view\_order.php', 'plugins', 'products', 'index.php', 'view\_product.php', 'uploads', 'htaccess', '404.html', 'about.html', 'about.php', 'config.php', 'home.php', 'index.php', 'initialize.php', 'login.php', 'manage\_account.php', and 'register.php'. The 'home.php' file is currently selected.
- Code Editor:** The main area displays the PHP code for 'home.php'. The code includes sections for product statistics (Total Products) and pending orders (Total Pending Orders), both using Bootstrap 4 icons and gradients. It uses the `$conn` object to query the database and the `format_num` function to format the total counts.
- Status Bar:** At the bottom right, it shows 'Ln 64 Col 2 Spaces 2 UTF-8 CR/LF'.

## ➤ Exporter Product List Page

Sri Lanka Import Export Manager +

localhost/BIT-GroupProject/exporter/?page=products

Meet - mbr-ibho-nfe Access Denied

SLIEMS

Dashboard

**Product List**

Order List

Report

Monthly Order Report

Maintenance

Category List

Rajitha123

### List of Products

+ Create New

Show 10 entries

Search:

#	Date Created	Image	Name	Cost	Status	Action
1	2023-07-05 17:39		Coconut husks 1KG	580	Active	Action ▾
2	2023-07-05 17:35		Desiccated Coconut 1KG	450	Active	Action ▾

Showing 1 to 2 of 2 entries

Previous 1 Next

## Relevant Coding:

The screenshot shows two instances of Visual Studio Code side-by-side, both displaying the file `index.php`.

**Top Tab (index.php):**

```

exporter > products > index.php
1  </php if($_settings->chk_flashdata('success')): ?>
2  <script>
3      alert_toast("<?php echo \$_settings->flashdata('success') ?>",'success')
4  </Script>
5  </php endif;>
6  <style>
7      .product-img{
8          width: calc(100%);
9          height: auto;
10         max-width: 5em;
11         object-fit:scale-down;
12         object-position:center center;
13     }
14 </style>
15 <div class="card card-outline card-primary">
16     <div class="card-header">
17         <h3 class="card-title">List of Products</h3>
18         <div class="card-tools">
19             <a href="#" class="btn btn-flat btn-primary" id="create_new"><span class="fas fa-plus"></span> Create New</a>
20         </div>
21     </div>
22     <div class="card-body">
23         <div class="container-fluid">
24             <div class="container-fluid">
25                 <table class="table table-bordered table-striped">
26                     <colgroup>
27                         <col width="5%">
28                         <col width="15%">
29                         <col width="10%">
30                         <col width="25%">
31                         <col width="15%">
32                         <col width="15%">
33                         <col width="15%">
34                     </colgroup>
35                     <thead>
36                         <tr class="bg-gradient-secondary">
37                             <th></th>
38                             <th>Date Created</th>
39                             <th>Image</th>
40                             <th>Name</th>
41                             <th>Cost</th>
42                             <th>Status</th>
43                             <th>Action</th>
44                         </tr>
45                     </thead>
46                     <tbody>
47                         $i = 1;
48                         $row = Conn::execute("SELECT * FROM `product_list` WHERE delete_flag = 0 AND `exporter_id` = '".$_SESSION['userdata']['id']."' ORDER BY `name` ASC");
49                         while($row = $qry->fetch_assoc()):
50                             <tr>
51                                 <td></td>
52                                 <td><?php echo date("Y-m-d H:i", strtotime($row['date_created'])) ?></td>
53                                 <td></td>
54                                 <td><?php echo $row['name'] ?></td>
55                                 <td><?php echo format_num($row['price']) ?></td>
56                                 <td><?php
57                                     if($row['status'] == 1):
58                                         <span class="badge badge-success bg-gradient-success px-3 rounded-pill">Active</span>
59                                     else:
60                                         <span class="badge badge-danger bg-gradient-danger px-3 rounded-pill">Inactive</span>
61                                     </php endif; ?>
62                                 </td>
63                                 <td align="center">
64                                     <button type="button" class="btn btn-flat btn-default btn-sm dropdown-toggle dropdown-icon" data-toggle="dropdown">
65                                         <span class="sr-only">Toggle Dropdown</span>
66                                     </button>
67                                     <div class="dropdown-menu" role="menu">
68                                         <div class="dropdown-item view_data" href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"><span class="fa fa-eye text-dark"></span> View</a>
69                                         <div class="dropdown-item edit_data" href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"><span class="fa fa-edit text-primary"></span> Edit</a>
70                                         <div class="dropdown-item divider"></div>
71                                         <div class="dropdown-item delete_data" href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"><span class="fa fa-trash text-danger"></span> Delete</a>
72                                     </div>
73                                     </div>
74                                 </td>
75                             </tr>
76                         <?php endwhile; ?>
77                         </tbody>
78                         </table>
79                         </div>
80                         </div>
81                         </div>
82                         </div>
83                         </div>
84                     </div>
85                 </div>
86                 <script>
87                     $(document).ready(function(){
88                         $('#create_new').click(function(){
89                             uni_modal('Add New Product','products/manage_product.php','large')
90                         })
91                         $('.view_data').click(function(){
92                             uni_modal('View Product Details','products/view_product.php?id='+$this.attr('data-id'),'large')
93                         })
94                         $('.edit_data').click(function(){
95                             uni_modal('Update Product','products/manage_product.php?id='+$this.attr('data-id'),'large')
96                         })
97                     })
98                 </script>
99             </div>
100            <div class="card-footer">
101                <small>Conn::execute("SELECT * FROM `product_list` WHERE delete_flag = 0 AND `exporter_id` = '".$_SESSION['userdata']['id']."' ORDER BY `name` ASC");
102                </small>
103            </div>
104        </div>
105    </div>
106    <div class="card-footer">
107        <small>Conn::execute("SELECT * FROM `product_list` WHERE delete_flag = 0 AND `exporter_id` = '".$_SESSION['userdata']['id']."' ORDER BY `name` ASC");
108        </small>
109    </div>
110</div>
111</body>
112</html>

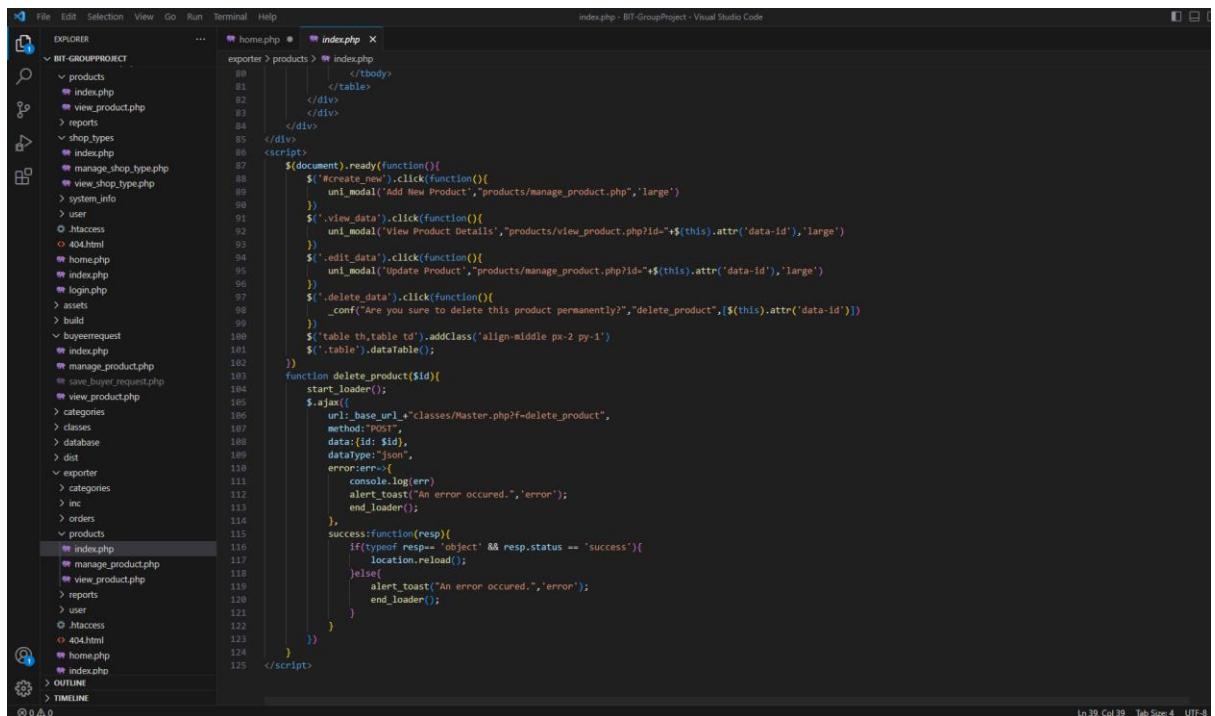
```

**Bottom Tab (index.php):**

```

exporter > products > index.php
1  $i = 1;
2  $qry = $conn->query("SELECT * FROM `product_list` WHERE delete_flag = 0 AND `exporter_id` = '".$_SESSION['userdata']['id']}' ORDER BY `name` ASC");
3  while($row = $qry->fetch_assoc()):
4
5      <tr>
6          <td class="text-center"><?php echo $i++ ; ?></td>
7          <td><?php echo date("Y-m-d H:i", strtotime($row['date_created'])) ?></td>
8          <td class="text-center"></td>
9          <td class="text-right"><?php echo format_num($row['price']) ?></td>
10         <td class="text-center">
11             <?php
12                 if($row['status'] == 1):
13                     <span class="badge badge-success bg-gradient-success px-3 rounded-pill">Active</span>
14                 else:
15                     <span class="badge badge-danger bg-gradient-danger px-3 rounded-pill">Inactive</span>
16                 </php endif; ?>
17         </td>
18         <td align="center">
19             <button type="button" class="btn btn-flat btn-default btn-sm dropdown-toggle dropdown-icon" data-toggle="dropdown">
20                 <span class="sr-only">Toggle Dropdown</span>
21             </button>
22             <div class="dropdown-menu" role="menu">
23                 <div class="dropdown-item view_data" href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"><span class="fa fa-eye text-dark"></span> View</a>
24                 <div class="dropdown-item edit_data" href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"><span class="fa fa-edit text-primary"></span> Edit</a>
25                 <div class="dropdown-item divider"></div>
26                 <div class="dropdown-item delete_data" href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"><span class="fa fa-trash text-danger"></span> Delete</a>
27             </div>
28             </div>
29         </td>
30     </tr>
31
32     <?php endwhile; ?>
33     </tbody>
34     </table>
35     </div>
36     </div>
37     </div>
38     </div>
39     </div>
40
41     <div class="card-footer">
42         <small>Conn::execute("SELECT * FROM `product_list` WHERE delete_flag = 0 AND `exporter_id` = '".$_SESSION['userdata']['id']."' ORDER BY `name` ASC");
43         </small>
44     </div>
45
46     <div class="card-footer">
47         <small>Conn::execute("SELECT * FROM `product_list` WHERE delete_flag = 0 AND `exporter_id` = '".$_SESSION['userdata']['id']."' ORDER BY `name` ASC");
48         </small>
49     </div>
50
51 </div>
52 </body>
53 </html>

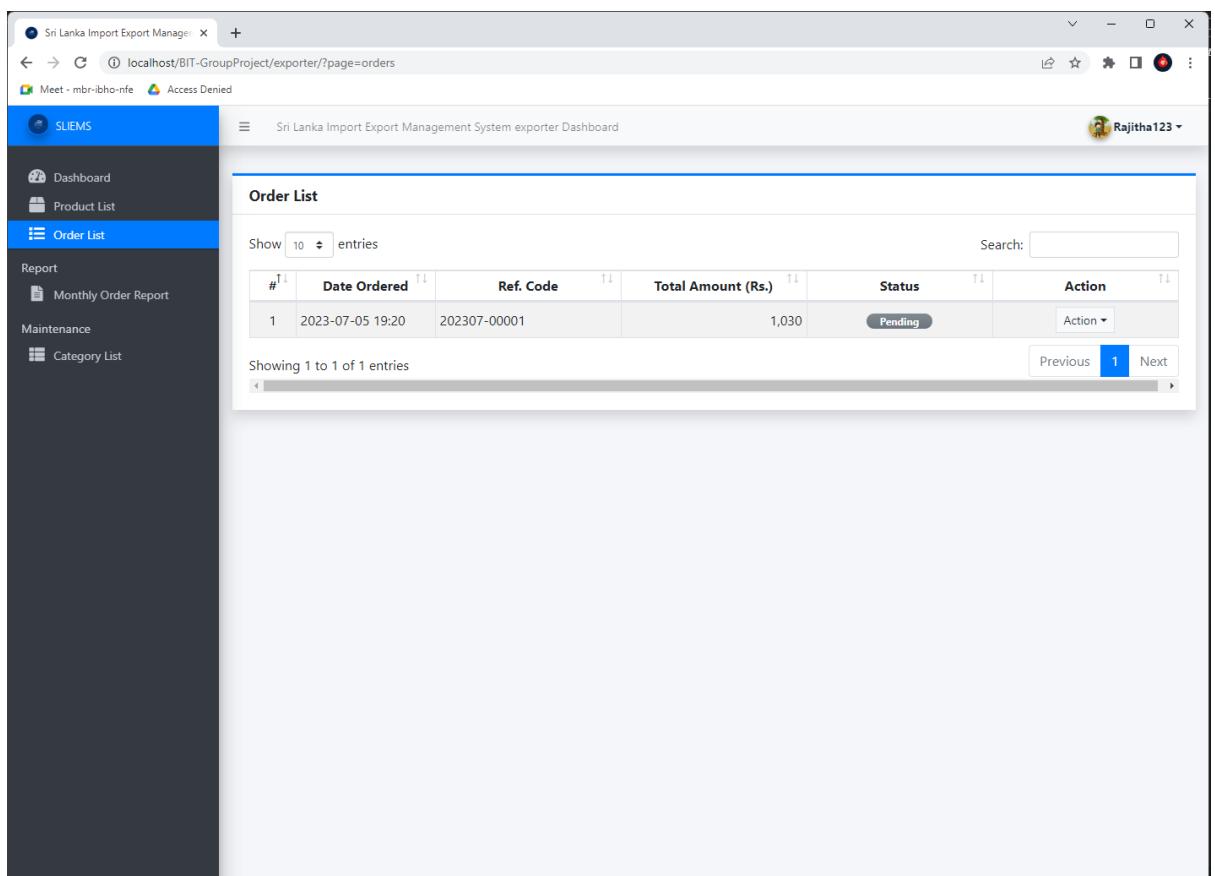
```



```

File Edit Selection View Go Run Terminal Help
index.php - BIT-GroupProject - Visual Studio Code
EXPLORER
BIT-GroupProject
  products
    index.php
    view_product.php
  reports
  shop_types
    index.php
    manage_shop_type.php
  system_info
  user
  .htaccess
  404.html
  home.php
  index.php
  login.php
  assets
  build
  buyerrequest
  index.php
  manage_product.php
  save_buyer_request.php
  view_product.php
  categories
  classes
  database
  dist
  exporter
    categories
    index
    orders
    products
      index.php
      manage_product.php
      view_product.php
    reports
    user
    .htaccess
    404.html
    home.php
    index.php
  OUTLINE
  TIMELINE
@ 0 ▲ 0
  
```

## ➤ Exporter Order List Page



#	Date Ordered	Ref. Code	Total Amount (Rs.)	Status	Action
1	2023-07-05 19:20	202307-00001	1,030	Pending	Action

Sri Lanka Import Export Management System (SLIEMS) Order List

Show 10 entries

#	Date Ordered	Ref. Code	Total Amount (Rs.)	Status	Action
1		202307-00001	1,030	Pending	<button>Update Status</button>

Showing 1 of 2

**View Order Details - 202307-00001**

Reference Code	202307-00001
Importer	202307-00001 - Nirmal, Thanuja Theekshana
Delivery Address	No 30, Hingurakgoda
Status	Pending <button>Update Status</button>

**Coconut husks 1KG**  
Price: Rs. 580  
Qty: 1

**Desiccated Coconut 1KG**  
Price: Rs. 450  
Qty: 1

**Total** 1,030

**X Close**

## Relevant Code:

```

<?php
require_once('../config.php');
if(isset($_GET['id']) && $_GET['id'] > 0){
    $qry = $conn->query("SELECT o.* ,c.code as ccode, CONCAT(c.lastname, ', ',c.firstname, ', ',COALESCE(c.middlename,'')) as importer FROM `order_list` o inner join importer_list c on o.importer_id=c.id");
    if($qry->fetch_assoc() as $k => $v){
        $kk=$v;
    }
} else{
    <center>Unknown order</center>
}
$uni_modal .modal-footer{
    display:none
}
</div>
<div class="text-right">
    <button class="btn btn-default bg-gradient-dark btn-flat" data-dismiss="modal"><i class="fa fa-times"></i> Close</button>
</div>
<?php
exit;
}
}
<?php
$uni_modal .modal-footer{
    display:none
}
$prod-img{
    width:calc(100%);
    height:auto;
    max-height: 10em;
    object-fit:scale-down;
    object-position:center center
}
<?php
<div class="container-fluid">
    <div class="row">
        <div class="col-3 border bg-gradient-primary"><span class="">Reference Code:</span></div>
        <div class="col-9 border"><span class="font-weight-bold"><?php if(isset($code) ? $code : '' )></span></div>
        <div class="col-3 border bg-gradient-primary"><span class="">Importer:</span></div>
        <div class="col-9 border"><span class="font-weight-bold"><?php if(isset($importer) ? $importer : '' )></span></div>
        <div class="col-3 border bg-gradient-primary"><span class="">Delivery Address:</span></div>
        <div class="col-9 border"><span class="font-weight-bold"><?php if(isset($delivery_address) ? $delivery_address : '' )></span></div>
        <?php
        $status = <?php if(isset($status) ? $status : '' )></?php
        <div class="col-3 border bg-gradient-primary"><span class="">Status:</span></div>
        <div class="col-9 border"><span class="font-weight-bold"><?php if(isset($status) ? $status : '' )></span></div>
    </div>
</div>

```

File Edit Selection View Go Run Terminal Help

view\_order.php - BIT-GroupProject - Visual Studio Code

```

EXPLORER File Edit Selection View Go Run Terminal Help
BIT-GROUPPROJECT ...
products index.php view_product.php
reports shop_types manage_shop_type.php view_shop_type.php
system_info user .htaccess
404.html home.php index.php login.php
assets build buyerrequest index.php manage_product.php save_buyer_request.php view_product.php
categories classes database dist
exporter categories inc orders
index.php update_status.php view_order.php
view_order.php
46 <div class="col-12 border"><span class="font-weight-bolder">
47 </div>
48 $status = isset($status) ? $status : '';
49 switch($status)
50 {
51 case 0:
52 echo "<span class='badge badge-secondary bg-gradient-secondary px-3 rounded-pill'>Pending</span>";
53 break;
54 case 1:
55 echo "<span class='badge badge-primary bg-gradient-primary px-3 rounded-pill'>Confirmed</span>";
56 break;
57 case 2:
58 echo "<span class='badge badge-info bg-gradient-info px-3 rounded-pill'>Packed</span>";
59 break;
60 case 3:
61 echo "<span class='badge badge-warning bg-gradient-warning px-3 rounded-pill'>Out for Delivery</span>";
62 break;
63 case 4:
64 echo "<span class='badge badge-success bg-gradient-success px-3 rounded-pill'>Delivered</span>";
65 break;
66 case 5:
67 echo "<span class='badge badge-danger bg-gradient-danger px-3 rounded-pill'>Cancelled</span>";
68 break;
69 default:
70 echo "<span class='badge badge-light bg-gradient-light border px-3 rounded-pill'>N/A</span>";
71 break;
72 }
73 </p> if($status != 5) {
74 <span class="pl-2"><a href="javascript:void(0)" id="update_status">Update Status</a></span>
75 </p> endif; >
76 </div>
77 </div>
78 <div class="clear-fix mb-2"></div>
79 <div id="order-list" class="row">
80 <?php
81 $total = 0;
82 $products = $conn->query("SELECT o.* , p.name as 'name' , p.price,p.image_path FROM `order_items` o inner join product_list p on o.product_id = p.id where o.order_id = '$id' " );
83 while($prow = $products->fetch_assoc()):
84 $total += $prow['price'] * $prow['quantity'];
85 $total += $total;
86 >
87 <div class="col-12 border">
88 <div class="d-flex align-items-center p-2">
89 <div class="col-2 text-center">
90 <a href="#">/page/products/view_product&id=<?> $prow['product_id'] ?>
92 <div class="col-auto flex-shrink-1 flex-grow-1">
93 <?> $prow['name'] ?></div>
94 </div>
95 <div class="col-12 border">
96 <div class="d-flex align-items-center p-2">
97 <div class="col-2 text-center">
98 <a href="#">/page/products/view_product&id=<?> $prow['product_id'] ?>
100 <div class="col-auto flex-shrink-1 flex-grow-1">
101 <?> $prow['name'] ?></div>
102 </div>
103 <div class="col-12 border">
104 <div class="d-flex align-items-center p-2">
105 <?php endwhile; ?>
106 <div class="col-12 border">
107 <div class="d-flex">
108 <div class="col-9 h4 font-weight-bold text-right text-muted">Total</div>
109 <div class="col-3 h4 font-weight-bold text-right"><?> format_num($total) ?></div>
110 </div>
111 </div>
112 </div>
113 <div class="clear-fix mb-3"></div>
114 <div class="text-right">
115 <button class="btn btn-default bg-gradient-dark text-light btn-sm btn-flat" type="button" data-dismiss="modal">i class="fa fa-times"</i> Close</button>
116 </div>
117 </div>
118 </script>
119 $(function(){
120 $('#update_status').click(function(){
121 uni_modal_second('Update Order Status - <b><?> isset($code) ? $code : '' </b>', "orders/update_status.php?id=<?> isset($id) ? $id : ''");
122 })
123 })
124 </script>
125 </div>
126 </div>

```

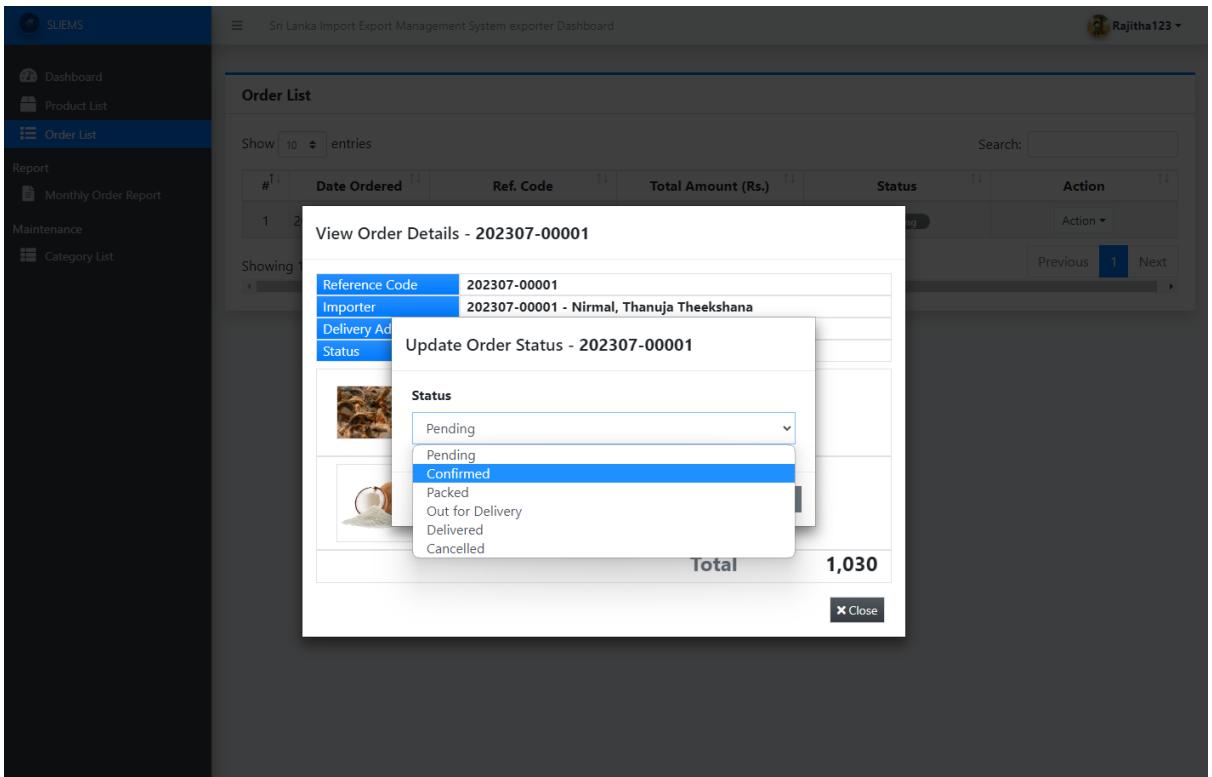
File Edit Selection View Go Run Terminal Help

view\_order.php - BIT-GroupProject - Visual Studio Code

```

EXPLORER File Edit Selection View Go Run Terminal Help
BIT-GROUPPROJECT ...
products index.php view_product.php
reports shop_types manage_shop_type.php view_shop_type.php
system_info user .htaccess
404.html home.php index.php login.php
assets build buyerrequest index.php manage_product.php save_buyer_request.php view_product.php
categories classes database dist
exporter categories inc orders
index.php update_status.php view_order.php
view_order.php
90 <?php
91 $total = 0;
92 $products = $conn->query("SELECT o.* , p.name as 'name' , p.price,p.image_path FROM `order_items` o inner join product_list p on o.product_id = p.id where o.order_id = '$id' " );
93 while($prow = $products->fetch_assoc()):
94 $total += $prow['price'] * $prow['quantity'];
95 $total += $total;
96 >
97 <div class="col-12 border">
98 <div class="d-flex align-items-center p-2">
99 <div class="col-2 text-center">
100 <a href="#">/page/products/view_product&id=<?> $prow['product_id'] ?>
102 <div class="col-auto flex-shrink-1 flex-grow-1">
103 <?> $prow['name'] ?></div>
104 </div>
105 <div class="col-12 border">
106 <div class="d-flex align-items-center p-2">
107 <div class="col-2 text-center">
108 <a href="#">/page/products/view_product&id=<?> $prow['product_id'] ?>
110 <div class="col-auto flex-shrink-1 flex-grow-1">
111 <?> $prow['name'] ?></div>
112 </div>
113 <div class="col-12 border">
114 <div class="d-flex align-items-center p-2">
115 <?php endwhile; ?>
116 <div class="col-12 border">
117 <div class="d-flex">
118 <div class="col-9 h4 font-weight-bold text-right text-muted">Total</div>
119 <div class="col-3 h4 font-weight-bold text-right"><?> format_num($total) ?></div>
120 </div>
121 </div>
122 </div>
123 </div>
124 </div>
125 </div>
126 </div>

```



## Relevant Code:

update\_status.php - BIT-GroupProject - Visual Studio Code

```

File Edit Selection View Go Run Terminal Help
EXPLORER
BIT-GROUPPROJECT
  - index.php
  - login.php
  - assets
  - build
  - buyerrequest
  - categories
  - classes
  - database
  - dist
  - exporter
  - index.php
  - manage_product.php
  - save_buyer_request.php
  - view_product.php
  - view_order.php
  - products
  - index.php
  - manage_product.php
  - view_product.php
  - reports
  - user
  - .htaccess
  - 404.html
  - home.php
  - index.php
  - login.php
  - register.php
  - inc
  - libs
  - orders
  - cart.php
  - checkout.php
  - my_orders.php
  - view_order.php
  - plugins
  - OUTLINE
  - TIMELINE
  - 0 ▲ 9

update_status.php
1 <?php
2 require_once('../..../config.php');
3 if(isset($_GET['id'])) && $_GET['id'] > 0{
4   $qry = $conn->query("SELECT * from `order_list` where id = '$_GET['id']' ");
5   if($qry->num_rows > 0){
6     $sk=$v;
7   }
8   else{
9   }
10 }
11 <center>Unknown order</center>
12 <style>
13   #uni_modal .modal-footer{
14     display:none
15   }
16 </style>
17 <div class="text-right">
18   <button class="btn btn-default bg-gradient-dark btn-flat" data-dismiss="modal">i class="fa fa-times"> Close</button>
19 </div>
20 <php>
21 exit;
22 </>
23 </>
24 <div class="container-fluid">
25   <form action="#" id="update_status">
26     <input type="hidden" name="id" value=<?= isset($id) ? $id : '' ?>">
27     <div class="form-group">
28       <label for="status" class="control-label">Status</label>
29       <select name="status" id="status" class="form-control rounded-0" required>
30         <option ><?= isset($status) && $status == 0 ? 'selected' : '' ?> value="0">Pending</option>
31         <option ><?= isset($status) && $status == 1 ? 'selected' : '' ?> value="1">Confirmed</option>
32         <option ><?= isset($status) && $status == 2 ? 'selected' : '' ?> value="2">Packed</option>
33         <option ><?= isset($status) && $status == 3 ? 'selected' : '' ?> value="3">Out for Delivery</option>
34         <option ><?= isset($status) && $status == 4 ? 'selected' : '' ?> value="4">Delivered</option>
35         <option ><?= isset($status) && $status == 5 ? 'selected' : '' ?> value="5">Cancelled</option>
36       </select>
37     </div>
38   </form>
39 </div>
40 </div>
41 <script>
42 $(function(){
43   $('#uni_modal_second #update_status').submit(function(e){
44     e.preventDefault();
45     var _this = $(this);
46     $('.err-msg').remove();
47     if(_this[0].checkValidity() == false){
48       _this[0].reportValidity();
49       return false;
50     }
51   })
52 })

```

```

File Edit Selection View Go Run Terminal Help
... update_status.php
update_status.php
exporter > orders > update_status.php
43     $('#uni_modal_secound').submit(function(e){
44         e.preventDefault();
45         var _this = $(this);
46         if(_this[0].remove());
47         if(_this[0].checkValidity() == false){
48             _this[0].reportValidity();
49             return false;
50         }
51         var el = $('<div>');
52         el.addClass("alert err-msg")
53         el.hide()
54         start_loader();
55         $.ajax({
56             url: base_url+"classes/Master.php?f=update_status",
57             data: new FormData($(_this)[0]),
58             contentType: false,
59             processData: false,
60             method: "POST",
61             type: "POST",
62             dataType: "json",
63             error:err=>{
64                 console.error(err)
65                 el.addClass('alert-danger').text("An error occurred");
66                 _this.prepend(el)
67                 el.show().modal()
68             },
69             success:function(resp){
70                 if(typeof resp == 'object' && resp.status == 'success'){
71                     location.reload();
72                 }else if(resp.status == 'failed' && !resp.msg){
73                     el.addClass('alert-danger').text(resp.msg);
74                     _this.prepend(el)
75                     el.show().modal()
76                 }else{
77                     el.text("An error occurred");
78                     console.error(resp)
79                 }
80             }
81         })
82     })
83     $("html, body").scrollTop(0);
84     end_loader();
85     });
86     });
87   });
88 });
89 </script>
90

```

Line 11, Col 30 Tab Size: 4 UTF-8 CR

## ➤ Exporter Monthly Order Report page

#	Date Created	Ref. Code	Importer	Status	Total Amount (Rs.)
1	2023-07-05 19:20	202307-00001	202307-00001 - Nirmal, Thanuja Theekshana	Delivered	1,030
<b>Total</b>					<b>1,030</b>

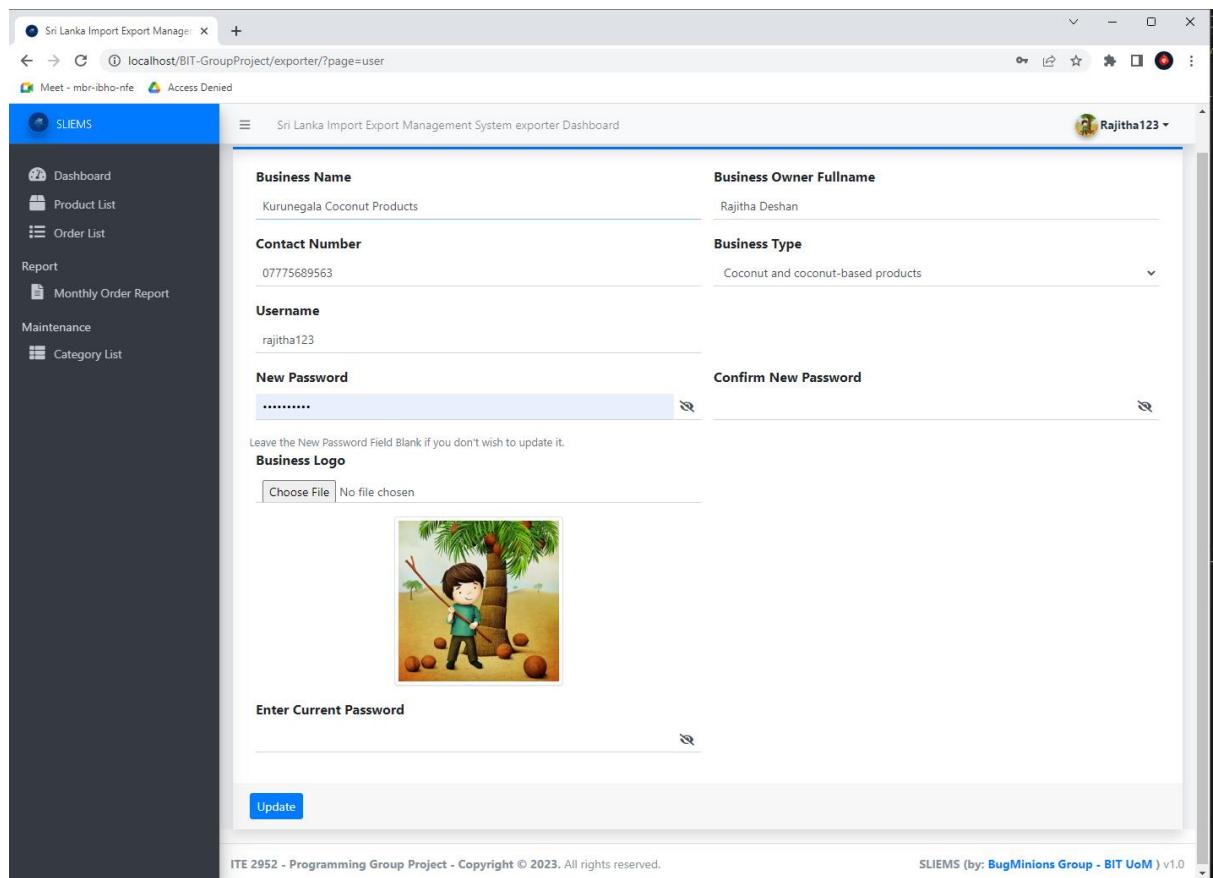
➤ Category List Page

The screenshot shows a web browser window for the 'Sri Lanka Import Export Management System exporter Dashboard'. The URL is 'localhost/BLT-GroupProject/exporter/?page=categories'. The left sidebar, titled 'SLIEMS', includes links for Dashboard, Product List, Order List, Report (Monthly Order Report), Maintenance, and Category List (which is highlighted in blue). The main content area is titled 'List of Categories' and contains a table with one entry:

#	Date Created	Name	Description	Status	Action
1	2023-07-05 17:33	Raw coconut products	Premium quality Raw coconut based...	Active	Action ▾

Below the table, it says 'Showing 1 to 1 of 1 entries'. The bottom footer includes copyright information: 'ITE 2952 - Programming Group Project - Copyright © 2023. All rights reserved.' and 'SLIEMS (by: BugMinions Group - BIT UoM) v1.0'.

## ➤ Exporter Profile Page



## Relevant Coding:



```

File Edit Selection View Go Run Terminal Help
index.php - BIT-GroupProject - Visual Studio Code
EXPLORER
BIT-GROUPPROJECT
> categories
> inc
> orders
  ● index.php
  ● update_status.php
  ● view_order.php
> products
  ● index.php
  ● manage_product.php
  ● view_product.php
> reports
> user
  ● index.php
  ○ .htaccess
  ○ 404.html
  ○ home.php
  ○ index.php
  ○ login.php
  ○ register.php
> inc
> lib
> orders
  ● cart.php
  ● checkout.php
  ● my_orders.php
  ● view_order.php
> plugins
> products
  ● index.php
  ● view_product.php
> uploads
○ .htaccess
○ 404.html
○ about.html
○ about.php
○ config.php
○ home.php
○ index.php
○ initialize.php
○ login.php
○ register.php
○ user
  ● index.php
  ○ .htaccess
  ○ 404.html
  ○ home.php
  ○ index.php
  ○ login.php
  ○ register.php
> inc
> lib
> orders
  ● cart.php
  ● checkout.php
  ● my_orders.php
  ● view_order.php
> plugins
> products
  ● index.php
  ● view_product.php
> uploads
○ .htaccess
○ 404.html
○ about.html
○ about.php
○ config.php
○ home.php
○ index.php
○ initialize.php
○ login.php

```

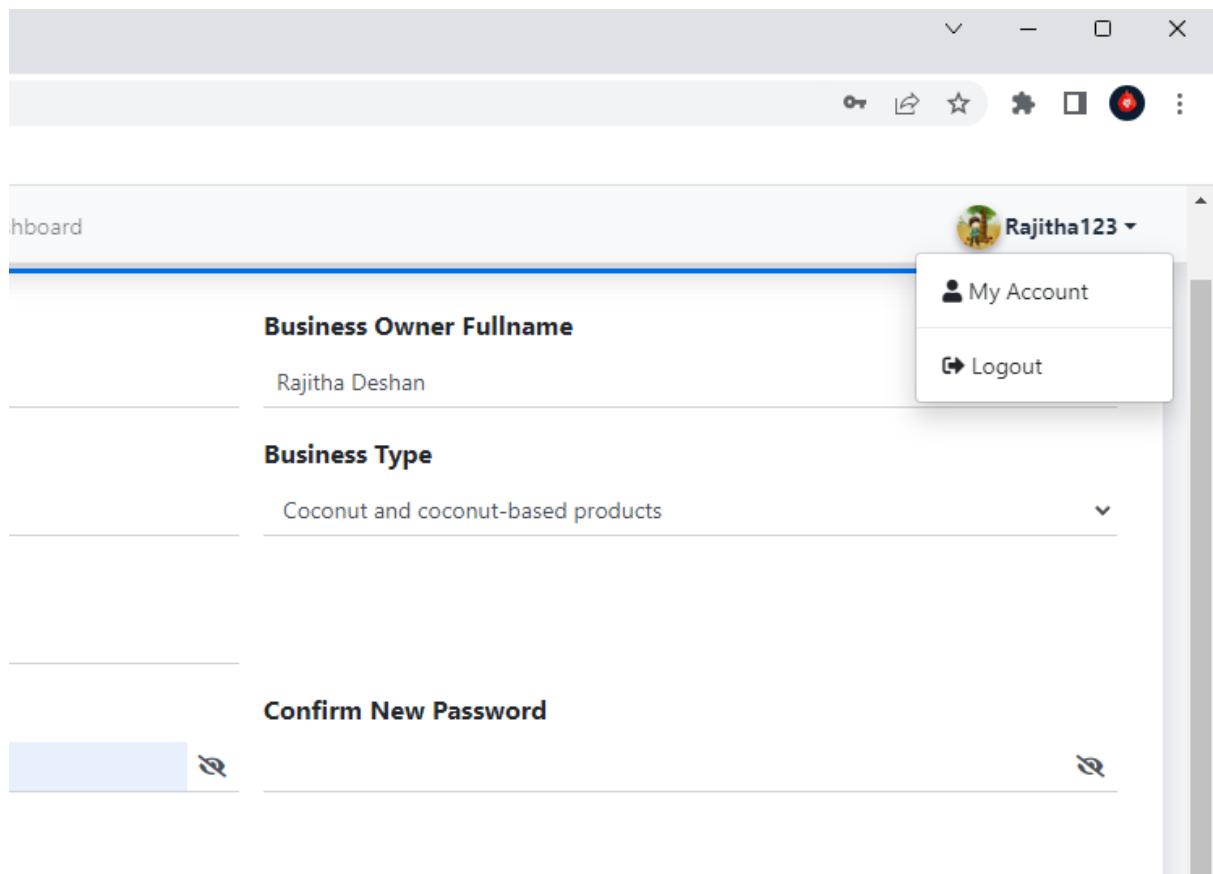
index.php (188 lines)

```

<script>
    // ... (lines 1-187)
    $('input').on('focus', function(e) {
        $(this).find('i.fa').removeClass('fa-eye-slash').addClass('fa-eye');
    }).on('blur', function(e) {
        $(this).find('i.fa').addClass('fa-eye-slash').removeClass('fa-eye');
    });
    $('#manage-user').submit(function(e) {
        e.preventDefault();
        var _this = $(this);
        if (_this.find('input').remove());
        var el = $(<div>);
        el.addClass('alert err-msg');
        el.hide();
        if (_this[0].checkValidity() == false){
            _this[0].reportValidity();
            return false;
        }
        if($('#password').val() != $('#cpassword').val()){
            el.addClass('alert-danger').text('Password does not match.');
            _this.append(el);
            el.show('slow');
            $('html, body').scrollTop(0);
            return false;
        }
        start_loader();
        $.ajax({
            url: base_url+"classes/Users.php?"+save_exporter,
            data: new FormData(_this[0]),
            cache: false,
            contentType: false,
            processData: false,
            method: 'POST',
            type: 'POST',
            dataType: 'json',
            error:err=>{
                console.error(err);
                el.addClass('alert-danger').text("An error occurred");
                _this.prepend(el);
                el.show('modal');
                end_loader();
            },
            success:function(resp){
                if(typeof resp == 'object' && resp.status == 'success'){
                    location.reload();
                }else if(resp.status == 'failed' && !resp.msg){
                    el.addClass('alert-danger').text(resp.msg);
                    _this.prepend(el);
                    el.show('modal');
                    end_loader();
                }else{
                    el.text("An error occurred");
                    console.error(resp);
                }
                $('html, body').scrollTop(0);
                end_loader();
            }
        })
    });
    </script>

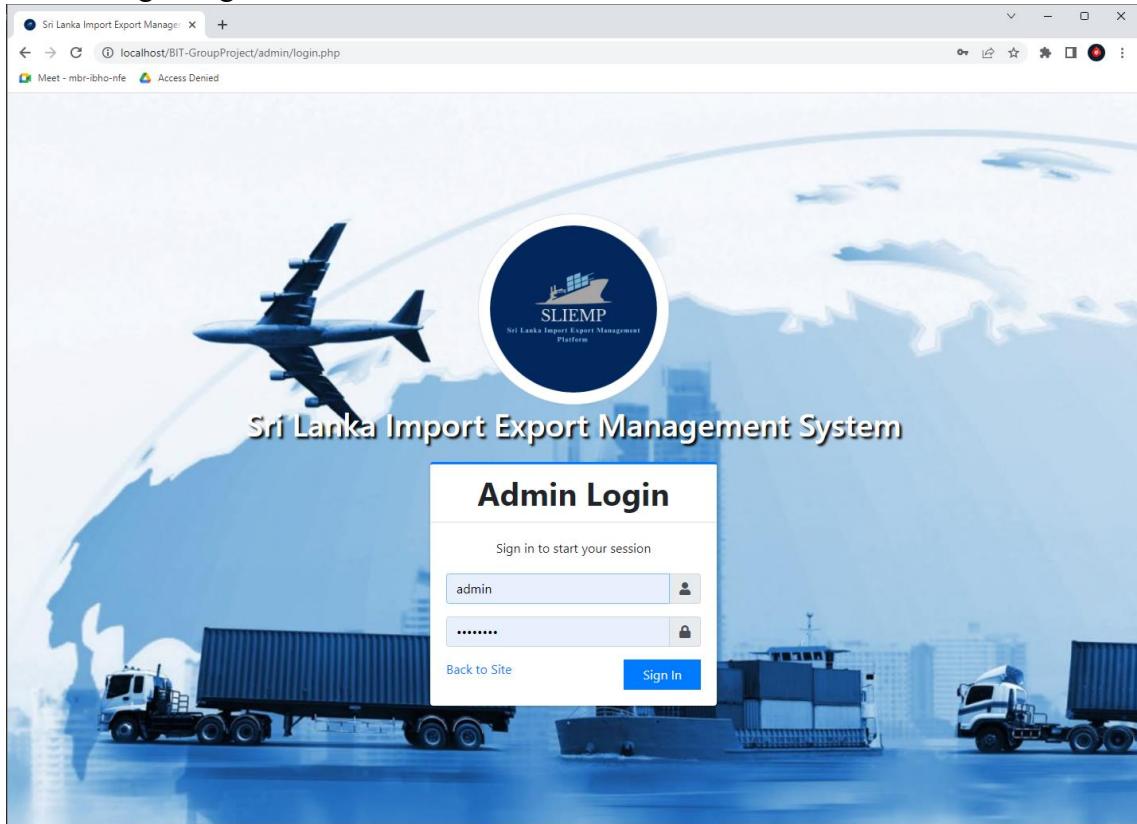
```

➤ Exporter Logout



### 5.1.3 Admin

#### ➤ Admin Login Page



#### ➤ Admin Dashboard

## ➤ Admin Product List Page

Sri Lanka Import Export Management System

Administrator Admin

#	Date Created	Image	Exporter/Product	Cost	Status	Action
1	2023-07-05 17:06		202307-00004-Rathna Gem Mart BLUE SAPPHIRE	4,600,000	Active	Action
2	2023-07-05 15:32		202307-00001-Kaduwela Clay Arts Clay Cooking Pots, 4.5	650	Active	Action
3	2023-07-05 17:39		202307-00005-Kurunegala Coconut Products Coconut husks 1KG	580	Active	Action
4	2023-07-05 17:35		202307-00005-Kurunegala Coconut Products Desiccated Coconut 1KG	450	Active	Action
5	2023-07-05 16:37		202307-00002-Lassana Crafts HAND CRAFT BATIK SARONG MARRON	2,150	Active	Action
6	2023-07-05 15:45		202307-00001-Kaduwela Clay Arts Handmade Clay Pot with Lid, Natural Unglazed Earthen Cookware, Terracotta Pot	1,100	Active	Action
7	2023-07-05 16:40		202307-00002-Lassana Crafts MULTICOLOR COTTON BATIK SAREE	7,700	Active	Action
8	2023-07-05 16:52		202307-00007-Matale Spice Garden Organic Ceylon Black Pepper (Whole) 1Kg	8,000	Active	Action
9	2023-07-05 17:00		202307-00006-Gampaha Rubber Suppliers Rubber Door Mats	1,600	Active	Action

## ➤ Admin Order List Page

The screenshot shows the 'Order List' page of the SLIEMS system. The left sidebar has a dark theme with white icons and text. The main content area has a light background. The title bar says 'Sri Lanka Import Export Management System'. The top right shows 'Administrator Admin'. The main content area has a header 'Order List' with a search bar and a dropdown for entries per page (set to 10). Below is a table with the following data:

#	Date Ordered	Ref. Code	Total Amount (Rs.)	Status	Action
1	2023-07-05 19:20	202307-00002	8,000	Pending	Action ▾
2	2023-07-05 19:20	202307-00001	1,030	Delivered	Action ▾

At the bottom, it says 'Showing 1 to 2 of 2 entries' and has navigation buttons for 'Previous' (disabled), '1' (selected), and 'Next'.

Page footer: ITE 2952 - Programming Group Project - Copyright © 2023. All rights reserved. SLIEMS (by: BugMinions Group - BIT UoM) v1.0

## ➤ Exporter List

The screenshot shows the 'List of Exporters' page. The table data is as follows:

#	Avatar	Code	Business Name	Owner	Status	Action
1		202307-00006	Gampaha Rubber Suppliers	Amitha Kumara	Active	Action ▾
2		202307-00001	Kaduwela Clay Arts	Saman Kumara	Active	Action ▾
3		202307-00005	Kurunegala Coconut Products	Rajitha Deshan	Active	Action ▾
4		202307-00002	Lassana Crafts	Supipi Kumari	Active	Action ▾
5		202307-00007	Matale Spice Garden	Anuj Darshan	Active	Action ▾
6		202307-00004	Rathna Gem Mart	Dimuthu Darshan	Active	Action ▾
7		202307-00003	Udarata Bathik Textiles	Nayana Kalpana	Active	Action ▾

Showing 1 to 7 of 7 entries

## Relevant Coding:

```

File Edit Selection View Go Run Terminal Help
index.php - BIT-GroupProject - Visual Studio Code
index.php - BIT-GroupProject - Visual Studio Code

admin > exporters > index.php
1 <?php if($_settings->chk_flashdata('success')): ?>
2 <script>
3   alert_toast("<?php echo $settings->flashdata('success') ?>", 'success')
4 </script>
5 <?php endif; ?>
6
7 <style>
8   .img-avatar{
9     width:45px;
10    height:45px;
11    object-fit:cover;
12    object-position:center center;
13    border-radius:100px;
14  }
15 </style>
16 <div class="card card-outline card-primary">
17   <div class="card-header">
18     | <h3 class="card-title">List of Exporters</h3>
19   </div>
20   <div class="card-body">
21     <div class="container-fluid">
22       <div class="container-fluid">
23         <table class="table table-bordered table-striped">
24           <caption></caption>
25           <thead>
26             <tr>
27               <th>#</th>
28               <th>Avatar</th>
29               <th>Code</th>
30               <th>Business Name</th>
31               <th>Owner</th>
32               <th>Status</th>
33               <th>Action</th>
34             </tr>
35           </thead>
36           <tbody>
37             <?php
38               $i = 1;
39               $qry = $conn->query("SELECT * from `exporter_list` where delete_flag = 0 order by shop_name asc ");
40               while($row = $qry->fetch_assoc()):
41                 >>>
42               <tr>
43                 <td>$i</td>
44                 <td><img alt='Avatar icon' class='img-avatar' src='<?php echo $row['shop_image'] ?>'></td>
45                 <td>$row['shop_code']</td>
46                 <td>$row['shop_name']</td>
47                 <td>$row['shop_owner']</td>
48                 <td>$row['shop_status']</td>
49                 <td><a href='<?php echo $row['shop_id'] ?> /edit'>Edit</a> <a href='<?php echo $row['shop_id'] ?> /delete'>Delete</a></td>
50             </tr>
51           </tbody>
52         </table>
53       </div>
54     </div>
55   </div>
56 </div>
57
58 ITE 2952 - Programming Group Project - Copyright © 2023. All rights reserved.
59 SLIEMS (by: BugMinions Group - BIT UoM) v1.0

```

File Edit Selection View Go Run Terminal Help index.php - BFT-GroupProject - Visual Studio Code

EXPLORER

BIT-GROUPPROJECT

admin > exporters > index.php

```
$i = 1;
$qry = $conn->query("SELECT * from `exporter_list` where delete_flag = 0 order by shop_name asc ");
while($row = $qry->fetch_assoc()):
>>> $tr =
<tr>
    <td class="text-center"><?php echo $i++; ?></td>
    <td class="text-center"></td>
    <td><?php echo $row['code'] ?></td>
    <td><?php echo ucwords($row['shop_name']) ?></td>
    <td><?php echo ucwords($row['shop_owner']) ?></td>
    <td class="text-center">
        <?php if($row['status'] == 1): ?>
            <span class="badge badge-primary px-3 rounded-pill">Active</span>
        <?php else: ?>
            <span class="badge badge-danger px-3 rounded-pill">Inactive</span>
        <?php endif; ?>
    </td>
    <td align="center">
        <button type="button" class="btn btn-flat btn-default btn-sm dropdown-toggle dropdown-icon" data-toggle="dropdown">
            Action
            <span class="sr-only">Toggle Dropdown</span>
        </button>
        <div class="dropdown-menu" role="menu">
            <a class="dropdown-item" href=?page=exporters/manage_exporter&id=<?php echo $row['id'] ?>><span class="fa fa-edit text-primary"></span> Edit</a>
            <a class="dropdown-item delete_data" href="javascript:void(0)" data-id=<?php echo $row['id'] ?>><span class="fa fa-trash text-danger"></span> Delete</a>
        </div>
    </td>
</tr>
<php endwhile; ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
</script>
$(document).ready(function(){
    $('.delete_data').click(function(){
        _conf("Are you sure to delete this exporter permanently?", "delete_exporter", $(this).attr('data-id'))
    })
    $('.table').DataTable();
})
function delete_exporter($id){
    start_loader();
    $.ajax({
        url: base_url+"classes/Users.php?f_delete_exporter",
        method: "POST",
        data: {
            id: $id
        },
        dataType: "json",
        error: function(err) {
            console.log(err)
            alert_toast("An error occurred.", "error");
            end_loader();
        },
        success: function(resp){
            if(typeof resp == 'object' && resp.status == 'success'){
                location.reload();
            }else{
                alert_toast("An error occurred.", "error");
                end_loader();
            }
        }
    })
}

```

login.php

> assets

> build

buyerrequest

index.php

> manage\_product.php

> save\_buyer\_request.php

> view\_product.php

> categories

> classes

> database

> dist

exporter

> categories

> inc

> orders

index.php

OUTLINE

TIMELINE

0 0 0 0

In 18 Col 49 (17 selected) Tab Size 4 UTF-8 CBLF PHP

## ➤ Importer List

The screenshot shows the 'List of Vlients' page. The sidebar menu is visible on the left, with 'Importer List' selected. The main content area displays a table with two rows of client information:

#	Avatar	Code	Name	Email	Status	Action
1		202202-00001	Kumara, Wishwa Janidu	Wishwajana@gmail.com	Active	Action ▾
2		202307-00001	Nirmal, Thanuja Theekshana	Thanuja123@gmail.com	Active	Action ▾

Showing 1 to 2 of 2 entries

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## ➤ Admin Monthly Order Report page

The screenshot shows the 'Monthly Order Reports' page. The sidebar menu is visible on the left, with 'Monthly Order Report' selected. The main content area displays a table with two rows of order information:

#	Date Created	Ref. Code	importer	exporter	Status	Total Amount (Rs.)
1	2023-07-05 19:20	202307-00002	202307-00001 - Nirmal, Thanuja Theekshana	202307-00007-Matale Spice Garden	Pending	8,000
2	2023-07-05 19:20	202307-00001	202307-00001 - Nirmal, Thanuja Theekshana	202307-00005-Kurunegala Coconut Products	Delivered	1,030
<b>Total</b>						<b>9,030</b>

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## Relevant Coding:

order\_reports.php - BIT-GroupProject - Visual Studio Code

```

<?php $month = isset($_GET['month']) ? $_GET['month'] : date("Y-m"); ?>
<div class="card py-3">
    <div class="card-header">
        <h5 class="card-title">Monthly Order Reports</h5>
    </div>
    <div class="card-body">
        <div class="container-fluid">
            <div class="callout callout-primary shadow rounded-0">
                <form action="" id="filter">
                    <div class="row align-items-end">
                        <div class="col-lg-3 col-md-4 col-sm-12">
                            <div class="form-group">
                                <label for="month" class="control-label">Month:</label>
                                <input type="month" name="month" id="month" value="{$month}" class="form-control rounded-0" required>
                            </div>
                        </div>
                        <div class="col-lg-3 col-md-4 col-sm-12">
                            <div class="form-group">
                                <button class="btn btn-primary btn-flat btn-sm"><i class="fa fa-filter"></i> Filter</button>
                                <button class="btn btn-light border border-1 btn-sm type-button" id="print"><i class="fa fa-print"></i> Print</button>
                            </div>
                        </div>
                    </div>
                </form>
            <div class="clear-fix mb-3"></div>
            <div id="outputprint">
                <table class="table table-bordered table-striped">
                    <caption>
                        <col width="5%">
                        <col width="12%">
                        <col width="10%">
                        <col width="20%">
                        <col width="10%">
                        <col width="15%">
                        <col width="15%">
                    </caption>
                    <thead>
                        <tr>
                            <th class="text-center align-middle py-1">#</th>
                            <th class="text-center align-middle py-1">Date Created</th>
                            <th class="text-center align-middle py-1">Ref. Code:</th>
                            <th class="text-center align-middle py-1">Importer:</th>
                            <th class="text-center align-middle py-1">Exporter:</th>
                            <th class="text-center align-middle py-1">Status:</th>
                            <th class="text-center align-middle py-1">Total Amount (Rs.)</th>
                        </tr>
                    </thead>
                    <tbody>
                        <tr>
                            <td class="text-center align-middle py-1"><?php echo $i++;></td>
                            <td class="text-center align-middle py-1"><?php echo date("Y-m-d H:i", strtotime($row['date_created'])) ?></td>
                            <td class="text-center align-middle py-1"><?php echo $row['code'] ?></td>
                            <td class="text-center align-middle py-1"><?php echo ucwords($row['code']); - $row['importer'] ?></td>
                            <td class="text-center align-middle py-1"><?php echo ucwords($row['exporter']) ?></td>
                            <td class="text-center align-middle py-2 px-1">
                                <?php
                                    switch($row['status']){
                                        case 0:
                                            echo '<span class="badge badge-secondary bg-gradient-secondary px-3 rounded-pill">Pending</span>';
                                            break;
                                        case 1:
                                            echo '<span class="badge badge-primary bg-gradient-primary px-3 rounded-pill">Confirmed</span>';
                                            break;
                                        case 2:
                                            echo '<span class="badge badge-info bg-gradient-info px-3 rounded-pill">Packed</span>';
                                            break;
                                        case 3:
                                            echo '<span class="badge badge-warning bg-gradient-warning px-3 rounded-pill">Out for Delivery</span>';
                                            break;
                                        case 4:
                                            echo '<span class="badge badge-success bg-gradient-success px-3 rounded-pill">Delivered</span>';
                                            break;
                                        case 5:
                                            echo '<span class="badge badge-danger bg-gradient-danger px-3 rounded-pill">Cancelled</span>';
                                            break;
                                        default:
                                            echo '<span class="badge badge-light bg-gradient-light border px-3 rounded-pill">N/A</span>';
                                            break;
                                    }
                                </?php >
                            </td>
                            <td class="text-right align-middle py-1"><?php echo format_num($row['total_amount']) ?></td>
                        </tr>
                    </tbody>
                </table>
            </div>
        </div>
    </div>
</div>

```

order\_reports.php - BIT-GroupProject - Visual Studio Code

```

<?php $month = isset($_GET['month']) ? $_GET['month'] : date("Y-m"); ?>
<?php
    $i = 1;
    $total = 0;
    $orders = $conn->query("SELECT o.*,c.code as ccode, CONCAT(c.lastname, ' ', c.firstname, ' ', COALESCE(c.middlename,'')) as importer,concat(v.code, ' ', v.shop_name) as exporter,ucwords($row['code']) as code FROM orders o JOIN users v ON o.user_id = v.id WHERE o.status = 1 AND o.date_created BETWEEN '$month' AND '$month' ORDER BY o.date_created DESC");
    while($row = $orders->fetch_assoc()){
        $total += $row['total_amount'];
    }
?>
<table class="table table-bordered table-striped">
    <caption>
        <col width="5%">
        <col width="12%">
        <col width="10%">
        <col width="20%">
        <col width="10%">
        <col width="15%">
        <col width="15%">
    </caption>
    <thead>
        <tr>
            <th class="text-center align-middle py-1">#</th>
            <th class="text-center align-middle py-1">Total Amount (Rs.)</th>
        </tr>
    </thead>
    <tbody>
        <tr>
            <td class="text-center align-middle py-1"><?php echo $i++;></td>
            <td class="text-center align-middle py-1"><?php echo date("Y-m-d H:i", strtotime($row['date_created'])) ?></td>
            <td class="text-center align-middle py-1"><?php echo $row['code'] ?></td>
            <td class="text-center align-middle py-1"><?php echo ucwords($row['code']); - $row['importer'] ?></td>
            <td class="text-center align-middle py-1"><?php echo ucwords($row['exporter']) ?></td>
            <td class="text-center align-middle py-2 px-1">
                <?php
                    switch($row['status']){
                        case 0:
                            echo '<span class="badge badge-secondary bg-gradient-secondary px-3 rounded-pill">Pending</span>';
                            break;
                        case 1:
                            echo '<span class="badge badge-primary bg-gradient-primary px-3 rounded-pill">Confirmed</span>';
                            break;
                        case 2:
                            echo '<span class="badge badge-info bg-gradient-info px-3 rounded-pill">Packed</span>';
                            break;
                        case 3:
                            echo '<span class="badge badge-warning bg-gradient-warning px-3 rounded-pill">Out for Delivery</span>';
                            break;
                        case 4:
                            echo '<span class="badge badge-success bg-gradient-success px-3 rounded-pill">Delivered</span>';
                            break;
                        case 5:
                            echo '<span class="badge badge-danger bg-gradient-danger px-3 rounded-pill">Cancelled</span>';
                            break;
                        default:
                            echo '<span class="badge badge-light bg-gradient-light border px-3 rounded-pill">N/A</span>';
                            break;
                    }
                </?php >
            </td>
            <td class="text-right align-middle py-1"><?php echo format_num($row['total_amount']) ?></td>
        </tr>
    </tbody>
</table>

```

order\_reports.php - BIT-GroupProject - Visual Studio Code

```

EXPLORER File Edit Selection View Go Run Terminal Help
... order_reports.php
admin > reports > order_reports.php
    93         </tbody>
    94     <tfoot>
    95         <tr>
    96             <th class="text-center px-1 py-1 align-middle" colspan="6">Total</th>
    97         <th class="text-right px-1 py-1 align-middle"><>- format_num($total) ></th>
    98     </tfoot>
    99     </table>
   100 </div>
   101 </div>
   102 </div>
   103 </div>
   104 </div>
   105 </div>
   106 </div>
   107 <noscript id="print-header">
   108 <style>
   109 #sys_logo{
   110     width:5em !important;
   111     height:5em !important;
   112     object-fit:scale-down !important;
   113     object-position:center center !important;
   114 }
   115 </style>
   116 <div class="d-flex align-items-center">
   117     <div class="col-auto text-center pl-4">
   118         <img src=<>- validate_image($settings->info('logo')) >>" alt=" System Logo" id="sys_logo" class="img-circle border border-dark">
   119     </div>
   120     <div class="col-auto flex-shrink-1 flex-grow-1 px-4">
   121         <h4 class="text-center m-0"><>- $settings->info('name') ></h4>
   122         <h3 class="text-center m-0"><>-> Order Report</h3>
   123         <h5 class="text-center m-0"><>-> For the Month of:</h5>
   124         <h5 class="text-center m-0"><>-> date(F Y, strtotime($month)) ></h5>
   125     </div>
   126 </div>
   127 <br>
   128 </noscript>
   129 <script>
   130     $(function(){
   131         $('#filter').submit(function(e){
   132             e.preventDefault()
   133             location.href = "./?page=reports/order_reports&$(this).serialize();
   134         })
   135         $('#print').click(function(){
   136             start_loader();
   137             var head = $('head').clone()
   138             var p = $('#outputprint').clone()
   139             var el = $('#el')
   140             var header = $(($('#noscript#Print-Header').html(), clone())
   141             head.find('title').text("Orders Monthly Report - Print View")
   142             el.append(header)
   143             el.append(p)
   144             el.append(el);
   145             el.append(el);
   146             el.append(el);
   147             el.append(el);
   148             el.append(el);
   149             el.append(el);
   150             el.append(el);
   151             el.append(el);
   152             el.append(el);
   153             el.append(el);
   154             el.append(el);
   155             el.append(el);
   156         })
   157     });
   158 </script>

```

order\_reports.php - BIT-GroupProject - Visual Studio Code

```

EXPLORER File Edit Selection View Go Run Terminal Help
... order_reports.php
admin > reports > order_reports.php
    93         </tbody>
    94     <tfoot>
    95         <tr>
    96             <th class="text-center px-1 py-1 align-middle" colspan="6">Total</th>
    97         <th class="text-right px-1 py-1 align-middle"><>- format_num($total) ></th>
    98     </tfoot>
    99     </table>
   100 </div>
   101 </div>
   102 </div>
   103 </div>
   104 </div>
   105 </div>
   106 </div>
   107 </div>
   108 </div>
   109 </div>
   110 </div>
   111 </div>
   112 </div>
   113 </div>
   114 </div>
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   116 </div>
   117 </div>
   118 </div>
   119 </div>
   120 </div>
   121 </div>
   122 </div>
   123 </div>
   124 </div>
   125 </div>
   126 </div>
   127 <br>
   128 </noscript>
   129 <script>
   130     $(function(){
   131         $('#filter').submit(function(e){
   132             e.preventDefault()
   133             location.href = "./?page=reports/order_reports&$(this).serialize();
   134         })
   135         $('#print').click(function(){
   136             start_loader();
   137             var head = $('head').clone()
   138             var p = $('#outputprint').clone()
   139             var el = $('#el')
   140             var header = $(($('#noscript#Print-Header').html(), clone())
   141             head.find('title').text("Orders Monthly Report - Print View")
   142             el.append(header)
   143             el.append(p)
   144             el.append(el);
   145             el.append(el);
   146             el.append(el);
   147             el.append(el);
   148             el.append(el);
   149             el.append(el);
   150             el.append(el);
   151             el.append(el);
   152             el.append(el);
   153             el.append(el);
   154             el.append(el);
   155             el.append(el);
   156         })
   157     });
   158 </script>

```

## ➤ Business Type List Page

Sri Lanka Import Export Manager x +

localhost/BIT-GroupProject/admin/?page=shop\_types

Meet - mbr-ibho-nfe Access Denied

# SLIEMS

## Sri Lanka Import Export Management System

### Administrator Admin

#### List of Business Types

Show 10 entries Search:

#	Date Created	Business Type	Status	Action
1	2023-07-05 13:40	Clay Products	Active	Action ▾
2	2023-07-05 13:56	Coconut and coconut-based products	Active	Action ▾
3	2023-07-05 14:00	Engineering products	Active	Action ▾
4	2023-07-05 13:59	Floriculture	Active	Action ▾
5	2023-07-05 13:40	Food, feed, and beverages	Active	Action ▾
6	2023-07-05 13:56	Gems and jewelry	Active	Action ▾
7	2023-07-05 13:58	Handicrafts	Active	Action ▾
8	2023-07-05 13:56	Rubber and rubber-based products	Active	Action ▾
9	2023-07-05 13:41	Spice Products	Active	Action ▾
10	2023-07-05 13:39	Textiles and Garments	Active	Action ▾

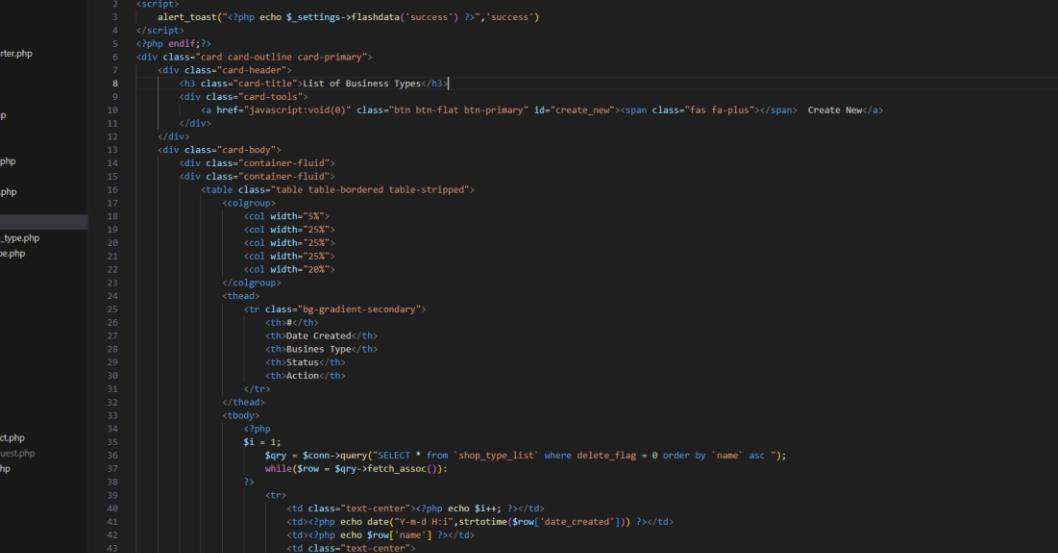
Showing 1 to 10 of 10 entries

Previous 1 Next

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## Relevant Coding:



File Edit Selection View Go Run Terminal Help index.php - BT-GroupProject - Visual Studio Code

EXPLORER

- ✓ BIT-GROUPPROJECT
  - ✓ admin
    - ✓ clients
  - ✓ exporters
    - ✓ index.php
    - ✓ manage\_exporter.php
  - ✓ inc
  - ✓ orders
    - ✓ index.php
    - ✓ view\_order.php
  - ✓ products
    - ✓ index.php
    - ✓ view\_product.php
  - ✓ reports
    - ✓ order\_reports.php
  - ✓ shop\_types
    - ✓ index.php
    - ✓ manage\_shop\_type.php
    - ✓ view\_shop\_type.php
  - > system.info
  - > user
  - ∅ .htaccess
  - 404.html
  - home.php
  - index.php
  - login.php
  - > assets
  - > build
  - ✓ buyerequest
  - ✓ index.php
  - manage\_product.php
  - save\_buyer\_request.php
  - view\_product.php
  - > categories
  - > classes
  - > database
  - > dist
  - ✓ exporter
    - > categories
    - > inc
    - > orders
  - > OUTLINE
  - > TIMELINE

index.php x

```
admin > shop_types > index.php
1 <?php if($settings->chk_flashdata('success')): ?>
2 <script>
3     alert_toast("<?php echo $settings->flashdata('success') ?>", "success")
4 </script>
5 </?php endif;>
6 <div class="card card-outline card-primary">
7     <div class="card-header">
8         <h3>List of Business Types</h3>
9     <div class="card-tools">
10        <a href="javascript:void(0)" class="btn btn-flat btn-primary" id="create_new"><span class="fas fa-plus"></span> Create New</a>
11    </div>
12 </div>
13 <div class="card-body">
14     <div class="container-fluid">
15         <div class="container-fluid">
16             <table class="table table-bordered table-striped">
17                 <colgroup>
18                     <col width="5%">
19                     <col width="25%">
20                     <col width="25%">
21                     <col width="25%">
22                     <col width="20%">
23                 </colgroup>
24                 <thead>
25                     <tr class="bg-gradient-secondary">
26                         <th>#</th>
27                         <th>Date Created</th>
28                         <th>Business Type</th>
29                         <th>Status</th>
30                         <th>Action</th>
31                     </tr>
32                 </thead>
33                 <tbody>
34                     <?php
35                         $i = 1;
36                         $qry = $conn->query("SELECT * from `shop_type_list` where delete_flag = 0 order by `name` asc ");
37                         while($row = $qry->fetch_assoc()):
38                     ?>
39                     <tr>
40                         <td class="text-center"><?php echo $i++;></td>
41                         <td><?php echo date('Y-m-d H:i', strtotime($row['date_created'])); ?></td>
42                         <td><?php echo $row['name'] ?></td>
43                         <td class="text-center">
44                             <?php if($row['status'] == 1): ?>
45                                 <span class="badge badge-success bg-gradient-success px-3 rounded-pill">Active</span>
46                             <?php elseif(): ?>
47                                 <span class="badge badge-danger bg-gradient-danger px-3 rounded-pill">Inactive</span>
48                             <?php endif; ?>
49                         </td>
50                     </tr>
51                 <?php endwhile; ?>
52             </tbody>
53         </table>
54     </div>
55 </div>
56 </div>
```

File Edit Selection View Go Run Terminal Help

index.php - BIT-GroupProject - Visual Studio Code

```

EXPLORER
BIT-GROUPPROJECT
  admin
    > clients
    > exporters
      index.php
      manage_exporter.php
    > inc
    > orders
      index.php
      view_order.php
    > products
      index.php
      view_product.php
    > reports
      order_reports.php
    > shop_types
      index.php
      manage_shop_type.php
      view_shop_type.php
    > system_info
    > user
    .htaccess
  404.html
  home.php
  index.php
  login.php
> assets
> build
> buyerrequest
  index.php
  manage_product.php
  save_buyer_request.php
  view_product.php
> categories
> classes
> database
> dist
> exporter
  > categories
  > inc
  > orders
> OUTLINE
> TIMELINE
  0 0 0
```

index.php

```

<?php else: ?>
  <span class="badge badge-danger bg-gradient-danger px-3 rounded-pill">Inactive</span>
</td>
<td align="center">
  <button type="button" class="btn btn-Flat btn-default btn-sm dropdown-toggle dropdown-icon" data-toggle="dropdown">
    Action
    <span class="sr-only">Toggle Dropdown</span>
  </button>
  <div class="dropdown-menu" role="menu">
    <a class="dropdown-item edit_data" href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"></span> Edit</a>
    <a class="dropdown-item divider"></div>
    <a class="dropdown-item delete_data" href="javascript:void(0)" data-id="<?php echo $row['id'] ?>"></span> Delete</a>
  </div>
</td>
</tr>
</php endforeach; ?>
</tbody>
</table>
</div>
</div>
</div>
</div>
</script>
$(document).ready(function(){
  $('#create_new').click(function(){
    uni_modal('Add New Business Type','shop_types/manage_shop_type.php')
  })
  $('.edit_data').click(function(){
    uni_modal('Update Business Type','shop_types/manage_shop_type.php?id='+$this.attr('data-id'))
  })
  $('.delete_data').click(function(){
    conf("Are you sure to delete this Business Type permanently?","delete_shop_type",$this.attr('data-id'))
  })
  $('#table').addClass('align-middle px-2 py-1')
  $('#table').dataTable();
})
function delete_shop_type($id){
  start_loader();
  $.ajax({
    url:base_url+"classes/Master.php?f=delete_shop_type",
    method:"POST",
    data:{id:$id},
    datatype:'json',
    error:err=>{
      console.log(err)
      alert_toast("An error occurred.",'error');
      end_loader();
    }
  })
}

```

view\_shop\_type.php

```

> system_info
> user
.htaccess
  404.html
  home.php
  index.php
  login.php
> assets
> build
> buyerrequest
  index.php
  manage_product.php
  save_buyer_request.php
  view_product.php
> categories
> classes
> database
> dist
> exporter
  > categories
  > inc
  > orders
> OUTLINE
> TIMELINE
  0 0 0
```

➤ Admin Profile Page

The screenshot shows the 'Admin Profile Page' of the Sri Lanka Import Export Management System. The page includes a sidebar with navigation links like Dashboard, Product List, Order List, and Maintenance. The main content area displays the user's first name (Administrator), last name (Admin), username (admin), and password (\*\*\*\*\*). A note says 'Leave this blank if you don't want to change the password.' Below these fields is an 'Avatar' section with a placeholder for a profile picture and a 'Choose file' button. At the bottom is an 'Update' button. The footer contains copyright information and a SLIEMS version notice.

Sri Lanka Import Export Management System

Administrator Admin

First Name  
Administrator

Last Name  
Admin

Username  
admin

Password  
\*\*\*\*\*

Leave this blank if you don't want to change the password.

Avatar

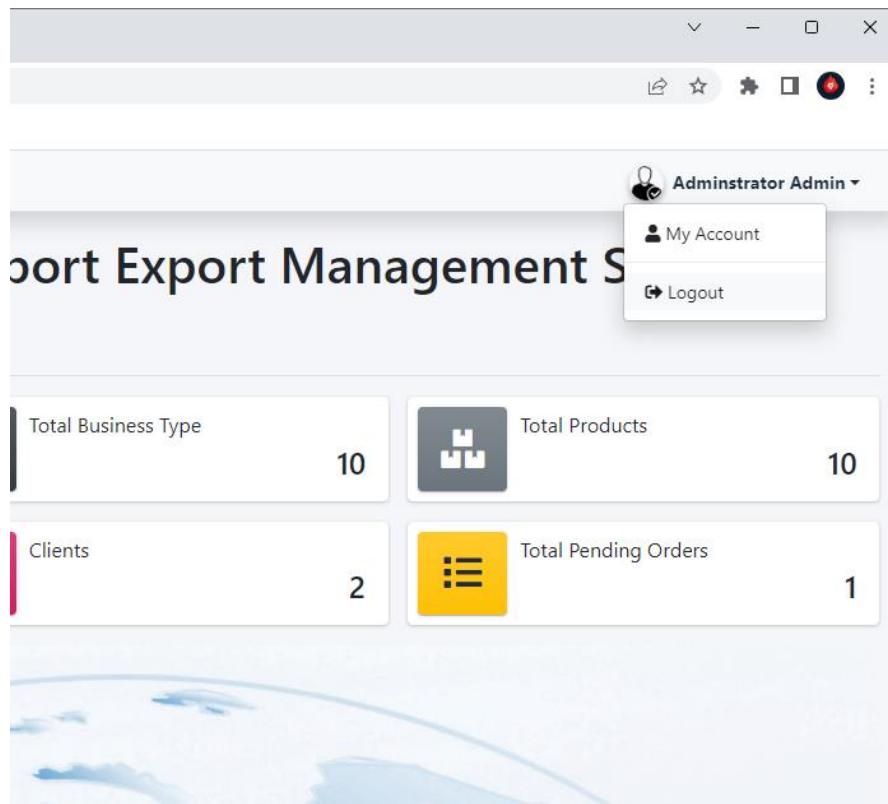
Choose file

Update

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SLIEMS (by: BugMinions Group - BIT UoM) v1.0

➤ Admin Logout



## 5.1.4 Other Important Code sections

### ➤ Config File

```

File Edit Selection View Go Run Terminal Help
config.php - config.php - BIT-GroupProject - Visual Studio Code
config.php
1 <?php
2 ob_start();
3 ini_set('date.timezone','Asia/Colombo');
4 date_default_timezone_set('Asia/Colombo');
5 session_start();
6
7 require_once('initialize.php');
8 require_once('classes/DBConnection.php');
9 require_once('classes/SystemSettings.php');
10 $db = new DBConnection();
11 $conn = $db->conn;
12
13 function redirect($url=''){
14     if(empty($url))
15         echo '<script>location.href="'.$base_url.'$url.'</script>';
16 }
17 function validate_image($file){
18     $file = explode('?',$file)[0];
19     if(empty($file)){
20
21         if(is_file($base_app.$file)){
22             return $base_url.$file;
23         }else{
24             return $base_url.'dist/img/no-image-available.png';
25         }
26     }else{
27         return $base_url.'dist/img/no-image-available.png';
28     }
29 }
30 function isMobileDevice(){
31     $mobileUA = array(
32         '/iphone/i' => 'iPhone',
33         '/ipod/i' => 'iPod',
34         '/ipad/i' => 'iPad',
35         '/android/i' => 'Android',
36         '/blackberry/i' => 'BlackBerry',
37         '/webos/i' => 'Mobile'
38     );
39
40     foreach($mobileUA as $mobileKey => $mobileOS){
41         if(preg_match($mobileKey, $_SERVER['HTTP_USER_AGENT'])){
42             return true;
43         }
44     }
45 }
46
47 return false;
48 }
49
50 function format_num($number = 0, $max_decimal = ''){
51     if(is_numeric($number)){
52         $dec = strlen($number) - strlen($number[0]);
53         if(empty($max_decimal) || (is_numeric($max_decimal) && $max_decimal >= $dec)){
54             return number_format($number,$dec);
55         }else{
56             if(is_numeric($max_decimal))
57                 return number_format($number,$max_decimal);
58             else
59                 return "Invalid Maximum Decimal";
60         }
61     }else{
62         return "Invalid Number";
63     }
64 }
65
66 ob_end_flush();
67

```

```

File Edit Selection View Go Run Terminal Help
config.php - config.php - BIT-GroupProject - Visual Studio Code
config.php
1
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```

➤ 404 Error Page

```

config.php 404.html X
404.html > div.error-content
1  <div class="error-content">
2    <i class="fas fa-exclamation-triangle text-danger"></i> Oops! Page not found.</h3>
3
4    <p>
5      We could not find the page you were looking for.
6    </p>
7
8  </div>

```

## 5.2 System Testing

The Import & Export Management System has been tested using the unit testing strategy. The table below shows the relevant test cases and test results of the system.

User Class	Test Case ID	Description	Expected Result	Actual Result	Pass/Fail
Exporter	TC1	Exporter can successfully register with the system by providing valid personal and business information.	The exporter should be able to register with the system and be able to log in.	The exporter can register with the system and log in.	Pass
Exporter	TC2	Exporter can successfully log in to the system using their username and password.	The exporter should be able to log in to the system and access their account.	The exporter can log in to the system and access their account.	Pass
Exporter	TC3	Exporter can successfully list a product on the platform by providing the required product details.	The exporter should be able to list a product on the platform and the product should be visible to other users.	The exporter can list a product on the platform and the product is visible to other users.	Pass
Exporter	TC4	Exporter can successfully respond to a buyer request by providing a bid.	The exporter should be able to respond to a buyer request by providing a bid and the bid	The exporter can respond to a buyer request by providing a bid and the bid	Pass

			should be visible to the buyer.	is visible to the buyer.	
Exporter	TC5	Exporter can successfully manage the status of their products and order shipments.	The exporter should be able to track the status of their products and order shipments.	The exporter can track the status of their products and order shipments.	Pass
Exporter	TC6	Exporter can successfully receive payments for their order shipments.	The exporter should be able to receive payments for their order shipments.	The exporter can receive payments for their order shipments.	Pass
Exporter	TC7	Exporter can successfully generate reports and analytics on their sales, revenue, and other vital indicators.	The exporter should be able to generate reports and analytics on their sales, revenue, and other vital indicators.	The exporter can generate reports and analytics on their sales, revenue, and other vital indicators.	Pass
Exporter	TC8	Exporter can successfully report and manage complaints from importers or other users.	The exporter should be able to report and manage complaints from importers or other users.	The exporter can report and manage complaints from importers or other users.	Pass
Importer	TC9	Importer can successfully register with the system by providing valid personal and business information.	The importer should be able to register with the system and be able to log in.	The importer can register with the system and log in.	Pass
Importer	TC10	Importer can successfully log in to the system using their email and password.	The importer should be able to log in to the system and	The importer can log in to the system and access their account.	Pass

			access their account.		
Importer	TC11	Importer can successfully list a buyer request on the platform by providing the required product details and expected price.	The importer should be able to list a buyer request on the platform and the buyer request should be visible to other users.	The importer can list a buyer request on the platform and the buyer request is visible to other users.	Pass
Importer	TC12	Importer can successfully search for specific products based on parameters such as name, category, minimum and maximum price ranges.	The importer should be able to search for specific products based on the provided parameters.	The importer can search for specific products based on the provided parameters.	Pass
Importer	TC13	Importer can successfully place an order for a product displayed on the platform.	The importer should be able to place an order for a product displayed on the platform and the order should be visible to the exporter.	The importer can place an order for a product displayed on the platform and the order is visible to the exporter.	Pass
Importer	TC14	Importer can successfully track the status of their orders.	The importer should be able to track the status of their orders.	The importer can track the status of their orders.	Pass
Importer	TC16	Importer can successfully pay for their orders.	The importer should be able to pay for their orders.	The importer can pay for their orders.	Pass
Administrator	TC17	Administrator can successfully manage exporter and importer users, including	The administrator should be able to manage exporter and importer	The administrator can manage exporter and importer users,	Pass

		removing users who violate platform rules.	users, including removing users who violate platform rules.	including removing users who violate platform rules.	
Administrator	TC18	Administrator can successfully manage product listings and remove those that violate platform rules.	The administrator should be able to manage product listings and remove those that violate platform rules.	The administrator can manage product listings and remove those that violate platform rules.	Pass
Administrator	TC19	Administrator can successfully view reports and analytics on the system's overall performance.	The administrator should be able to generate reports and analytics on the system's overall performance.	The administrator can view reports and analytics on the system's overall performance.	Pass

## **6. Conclusion and Future work**

The Sri Lanka import and export management platform will revolutionize the trade ecosystem in Sri Lanka by providing an efficient and user-friendly platform for exporters, importers, and businesses. The platform will help connect businesses, simplify trade processes, enhance product listings, streamline order management, and provide valuable reporting and analytics capabilities. The platform promotes local production and trade and will contribute to a resilient and prosperous economy in Sri Lanka. The implementation of the import and export management system will empower businesses, boost local manufacturing, and strengthen the country's trade ecosystem.

In future updates of the system, we hope to include advanced order management features, integration with third-party logistics providers, advanced reports, and an analytics dashboard for sellers. We are hoping to expand our platform outside of Sri Lanka, and local exporters will have the chance to connect with international import businesses and generate income from foreign countries into Sri Lanka.

## **7. Project Member Contribution**

### ➤ **K.P.G.R.W. Senarathna - E2046073**

- Conducted thorough research on Sri Lanka's import-export landscape, inflation issues, and existing online marketplaces.
- Contributed to the background and motivation section, highlighting the importance of addressing import limitations and promoting local production.
- Assisted in defining the objectives of the import and export management platform, focusing on connecting exporters and importers, simplifying trade processes, enhancing product listings, and providing reporting and analytics capabilities.
- Provided input in the system analysis and design section, particularly in the functional requirements for exporters, importers, and administrators.
- Collaborated in the overall structure and content of the system.

### ➤ **W.Y.I. Walgama - E2046086**

- Assisted in gathering information and research on existing online marketplaces in Sri Lanka, including Daraz.lk, Kapruka.lk, and ikman.lk.
- Contributed to the comparison of these platforms in terms of their features, deficiencies, and limitations in promoting local manufacturing and saving foreign reserves.
- Collaborated in the system analysis and design section, particularly in defining the functional requirements for exporters, importers, and administrators.
- Assisted in the overall organization and flow of the system.

➤ **B.M.T.T Balasooriya - E2046012**

- Assisted in gathering information on the import-export management system requirements, operations, and data.
- Contributed to the system analysis and design section, particularly in defining the functional requirements for exporters, importers, and administrators.
- Assisted in the system architecture section, emphasizing the client-server architecture and the use of web technologies and frameworks.
- Collaborated in the overall structure and content of the system.

Each project member of our team, K.P.G.R.W. Senarathna, W.Y.I. Walgama, and B.M.T.T Balasooriya made significant contributions to the creation, testing, and implementation of the import and export management system. Through our collaborative efforts, we have successfully designed and developed a platform that addresses the needs of Sri Lankan exporters, importers, and administrators. Our attention to detail, research, and technical expertise have ensured the system's functionality, usability, and overall success. Our active participation throughout the project's lifecycle has resulted in the creation of an effective tool that will revolutionize the trade ecosystem in Sri Lanka.

## **8.Reference**

- [1] Daraz Sri lanka – great place to work®, <https://greatplacetowork.lk/daraz-sri-lanka/> (accessed Jun. 14, 2023).
- [2] Kapruka Holdings Limited company overview - nestor, <https://www.nestorstockbrokers.lk/wp-content/uploads/2021/12/kapruka-IPO.pdf> (accessed Jun. 14, 2023).