



# System Configuration

## Little Farmer Supply Chain System

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## Contents

|   |    |
|---|----|
| <b>1.0 Introduction</b> .....               | 1  |
| <b>2.0 File Structure</b> .....             | 1  |
| <b>Overall File Structure</b> .....         | 1  |
| <b>Seller File Structure</b> .....          | 2  |
| <b>Admin File Structure</b> .....           | 2  |
| <b>3.0 System Overview</b> .....            | 3  |
| <b>Storefront</b> .....                     | 3  |
| <b>Seller</b> .....                         | 12 |
| <b>Admin</b> .....                          | 17 |
| <b>Database</b> .....                       | 24 |
| <b>Digital Ocean</b> .....                  | 26 |
| <b>4.0 Installation Procedures</b> .....    | 28 |
| <b>GitHub</b> .....                         | 28 |
| <b>localhost</b> .....                      | 29 |
| <b>Digital Ocean</b> .....                  | 31 |
| <b>Telegram</b> .....                       | 38 |
| <b>5.0 Configuration Details</b> .....      | 39 |
| <b>6.0     Security Configuration</b> ..... | 42 |
| <b>7.0 Troubleshooting</b> .....            | 46 |
| <b>8.0 Configuration templates</b> .....    | 46 |
| <b>Digital Ocean</b> .....                  | 46 |

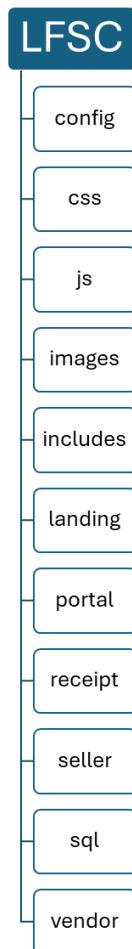
# 1.0 Introduction

This document outlines the steps and procedures required to deploy the Little Farmer e-commerce system into a production environment. It is intended for use by system administrators, IT professionals, and any technical staff involved in the deployment process. By following the guidelines provided here, you will ensure a smooth and efficient transition from development to a fully operational system, ready to serve our community of farmers and customers.

# 2.0 File Structure

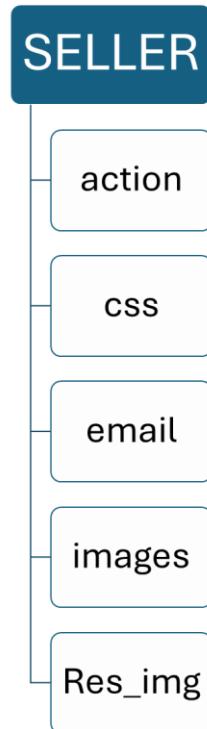
## Overall File Structure

This file structure mainly contains files for “Market”, “Portal”, “Customer Login”, and “SQL”.



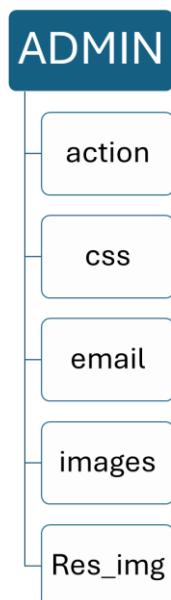
## Seller File Structure

This file structure mainly contains files for “Seller” Website.



## Admin File Structure

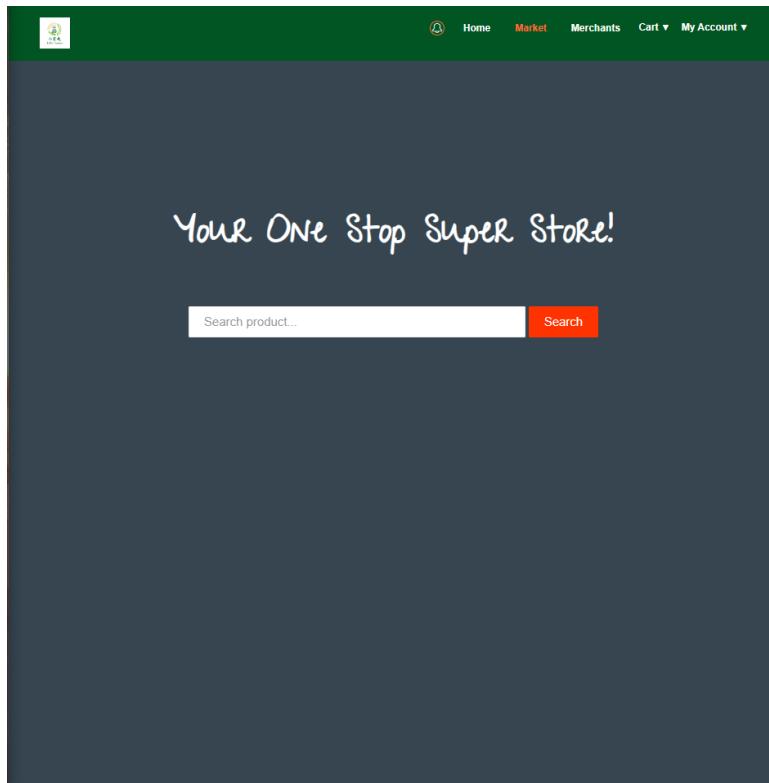
This file structure mainly contains files for “Admin” Website.



## 3.0 System Overview

### Storefront

- market.php



Upon entry to the webpage, the user will be presented with a top navigation bar and a search bar.

**Recommended for You!**

Based on your recent orders:



Turnip (120g)

Number Left: 128

Price: RM 2.10

[Buy again](#)



Carrot (400g)

Number Left: 364

~~RM 2.50~~ 5% off

Price: RM 2.38

Product of the same category as your most recent order



Durians (1000g)

Number Left: 171

~~RM 73.50~~ 10% off

Price: RM 66.15

Product of the same merchant as your most recent order



Avocado (300g)

Number Left: 181

Price: RM 7.50

Product of a similar price range as your most recent order

Right below the user will be recommended products based on:

1. Previously bought product
2. Product of the same category as your most recent order
3. Product of the same merchant as your most recent order
4. Product of a similar price range as your most recent order

**Categories**

Choose from our list of categories!

[Vegetables](#)
[Fruits](#)
[Specialty Fruits](#)
[Fermented Foods](#)
[Dried Foods](#)
[Spices](#)

[More Categories ▾](#)

- [Meat](#)
- [Seafood](#)
- [Dairy](#)
- [Grains](#)
- [Pasta](#)
- [Bread](#)
- [Bakery Items](#)
- [Canned Goods](#)
- [Frozen Foods](#)
- [Condiments](#)
- [Cooking Oils](#)
- [Sauces](#)
- [Breakfast Foods](#)
- [Desserts](#)
- [Baby Food](#)
- [Water](#)
- [Soft Drinks](#)
- [Juice](#)
- [Coffee](#)

**Merchants**

Get to know our trusted sellers!

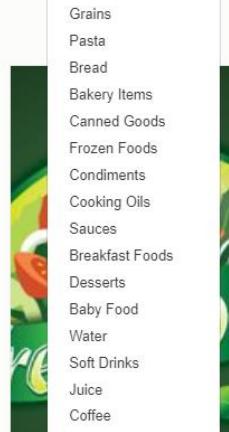


小农夫

Little Farmer



Green Gro



Below that the user will be presented with different product categories, with a drop-down menu that will show more categories.

Search

[Vegetables](#) [Fruits](#) [Specialty Fruits](#) [Fermented Foods](#) [Dried Foods](#) [Spices](#) [More Categories ▾](#)

### Search Results



Carrot (200g)  
Grown locally without any pesticides.  
Number Left: 20

**RM 1.25**

[Order Now](#)



Carrot (400g)  
Grown locally without any pesticides.  
Number Left: 364

**RM 2.50 5% off RM 2.38**

[Order Now](#)



Carrot (600g)  
Grown locally without any pesticides.  
Number Left: 330

**RM 3.75 10% off RM 3.38**

[Order Now](#)

When the categories are clicked, products from the category will be shown (like when the “Vegetables” category is clicked as shown above).

**Merchants**

Get to know our trusted sellers!

|  |   |  |
|--|---|--|
|  <p><b>Little Farmer</b></p> <p>littlefarmer@gmail.com</p> <p>Little Farmer has been cultivating organic produce for over two decades. Our...</p> <p>Phone Number: 0102170960</p> |  <p><b>The Green Grocer</b></p> <p>greengrocer@gmail.com</p> <p>The Green Grocer is your one stop shop for all things fresh...</p> <p>Phone Number: 0824191000</p> |  <p><b>Fresh Food Sdn Bhd</b></p> <p>freshfood@gmail.com</p> <p>Prices you can't beat!</p> <p>Phone Number: 0105093311</p> |
|--|---|--|

Lastly the top merchants will be shown in the “Merchants” section.

- [merchants.php](#)

1 Choose Merchant
 2 Pick Your Products
 3 Order and Pay Online



[Search](#)



**The Green Grocer**

The Green Grocer is your one stop shop for all things fresh and healthy!

Lot 299-303,Section 49 KTLD Jalan Abell, 93000, Kuching, Sarawak ...

Rate Here:

★★★★★
Avg Rating: 5.0

View Merchant

Rate Here:

★★★★★
Avg Rating: 4.3

View Merchant



**Fresh Food Sdn Bhd**

Prices you can't beat!

Bangunan Kepli Holdings,No.139, Jalan Satok, 93400, Kuching, Sarawak ...

Upon entering the page, the user will be presented with a searchbar that can be used to search for merchants. Below the merchants present in the store will be presented to the user. Beside each store, the user will be able to rate the merchant. Each user will only be able to rate a merchant once with the new rating overriding the old rating. Below the rating stars, the average rating will be shown.

The screenshot shows a merchant profile for "The Green Grocer". The profile includes a logo featuring a stylized tree, the store name, and the text "Est. 2007". Below the profile, there is a green banner with the store's name and a brief description: "The Green Grocer is your one stop shop for all things fresh and healthy! Lot 299-303, Section 49 KTLD Jalan Abell, 93000, Kuching, Sarawak". It also displays a 4-star rating and "4 Reviews".

The main content area is titled "Product List" and shows two products:

- Turnip (120g)**: Fresh and pesticide free turnips. Number Left: 128. Price: RM 2.10. Quantity input field: 1. **Add to Cart** button.
- Durians (1000g)**: Out of season durians, selling out fast! Number Left: 171. Price: RM 73.50 (10% off). Original price: RM 66.15. Quantity input field: 1. **Add to Cart** button.

Below the products is a "Comments" section with a text input field for leaving a comment (300 characters left) and a "Submit" button. A "Recent Comments" section shows entries: "new comment", "thank you", and "cust3". A "View All Comments" button is also present.

When a store is clicked, the user will view its products. The user can change the quantity of products to be purchased by typing into the text box. Products with “More options” beside the name will allow the user to select a different quantity and price of the products.



The product list can be hidden to go straight to the comments section. A user can leave comment by typing the comment into the comment box that has a character limit of 300 and obscenity filtering and submit the comment with the button. The user can view all the comments of the merchant by clicking on “View All Comments”.

| All Comments  |                     |
|---|---------------------|
| Sort By <input type="button" value="Newest First ▾"/> |                     |
| Customer Name   | Posted on           |
| j****   | 2024-05-06 17:40:07 |
| cust5   |                     |
| C****   | 2024-05-06 17:39:47 |
| cust4   |                     |
| de****  | 2024-05-06 17:39:31 |
| cust3   |                     |
| m****   | 2024-05-06 17:35:33 |
| thank you   |                     |
| E****   | 2024-05-06 16:14:37 |
| new comment   |                     |
| 1   |                     |

The “all\_comments.php” page shows the user all comments have a sorting function, user anonymization and pagination.

- Cart

Your Shopping Cart

 Turnip (120g)  
- RM 2.10 x  
 Remove

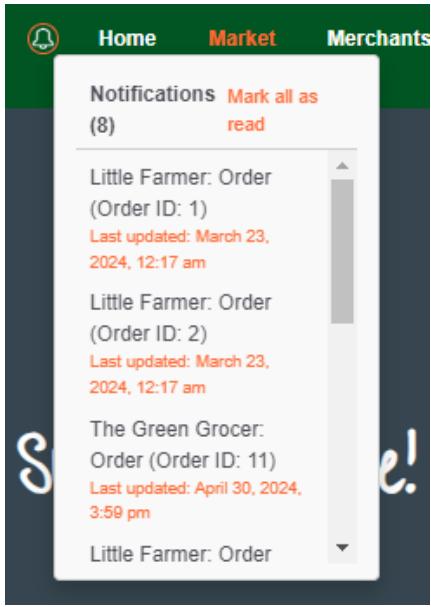
TOTAL  
RM 2.10  
Shipping Included

Checkout

[Proceed to Payment](#)

When the user clicks on “Cart”, the user will be able to view their cart and remove or edit the quantity of products bought. The user can checkout by clicking “Checkout”.

- Notifications



When the user hovers over the bell icon, the user can view orders and order status.

- `your_account.php`

The screenshot shows the "My Profile" section of the application. The title "My Profile" is at the top. Below it is a sub-section titled "Manage and protect your account" with a "Bind Telegram" button. The main profile information is listed in fields:

- Username: cust1
- Name: Jason Lim
- Email: gerdenremseyjr@hotmail.com (with a "Change" link)
- Phone Number: 0218882102
- Address: 82 Saradise
- Gender: Male (radio button selected)
- Date of Birth: 01/24/2000

A large green "Save" button is located at the bottom of the form.

The user is meant to update account details if necessary and bind their Telegram here.

- your\_orders.php

| Order No. | Order ID#          | Seller           | Number of Products | Total Price | Status     | Date       | Action |
|-----------|--------------------|------------------|--------------------|-------------|------------|------------|--------|
| 1         | <a href="#">16</a> | The Green Grocer | 1                  | RM 2.1      | Processing | 2024-05-13 |        |
| 2         | <a href="#">15</a> | Little Farmer    | 3                  | RM 14.74    | Processing | 2024-05-13 |        |
| 3         | <a href="#">14</a> | The Green Grocer | 2                  | RM 68.25    | Processing | 2024-05-13 |        |
| 4         | <a href="#">13</a> | Little Farmer    | 4                  | RM 30.62    | Processing | 2024-05-13 |        |
| 5         | <a href="#">12</a> | Little Farmer    | 3                  | RM 14.74    | Processing | 2024-05-13 |        |
| 6         | <a href="#">11</a> | The Green Grocer | 1                  | RM 12.6     | Processing | 2024-04-30 |        |
| 7         | <a href="#">2</a>  | Little Farmer    | 2                  | RM 5.98     | Delivered  | 2023-12-28 |        |
| 8         | <a href="#">1</a>  | Little Farmer    | 2                  | RM 5.76     | Delivered  | 2023-12-28 |        |

The user will use this page to view products that were ordered, status of ordered products, cancel orders (the bin icon) or view receipts (the blue icon).

**Little Farmer**

AB102 Ground Floor Parcel 2586-1-9 Lorong Persiaran Bandar Baru Batu Kawa 3D Batu Kawah  
New Township Jalan Batu Kawa 93250 Kuching Sarawak

Tel: 0102170960

**RECEIPT**

---

**RECEIPT NO. : LF512**

**Date:** 2024-05-25 01:31:45

| No                    | Product Name | Quantity                    | Price |
|-----------------------|--------------|-----------------------------|-------|
| 1                     | Carrot       | 1                           | 2.38  |
| 2                     | Cabbage      | 1                           | 3.60  |
| <b>Total Items: 2</b> |              | <b>Total Price: RM 5.98</b> |       |

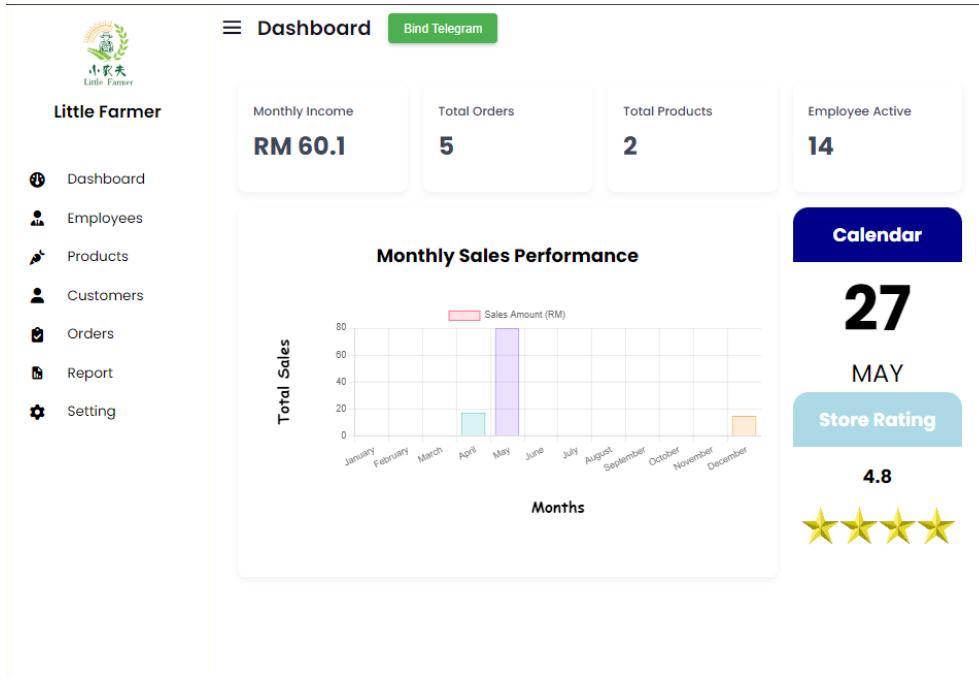
Thank you for shopping with us! We appreciate your business.

**Print Receipt**

This is an example of a receipt.

## Seller

- Dashboard.php



This page is meant for the merchant to glance information about their store and bind their telegram.

- employees.php



### Employees

+Add Employee

Records per page: 5

| Emp ID#        | Name | Gender | Contact Number | Email                 | Job Title  | Status | Action |
|----------------|------|--------|----------------|-----------------------|------------|--------|--------|
| 51231221125018 | 4    | Male   | 1              | 6                     | Accounting | Active |        |
| 51231221125255 | 2    | Male   | 1              | ryanwong179@gmail.com | Delivery   | Active |        |
| 51231221125305 | 2    | Female | 3              | 4                     | Delivery   | Active |        |
| 51231221125125 | 4    | Female | 5              | 6                     | Accounting | Active |        |
| 51231221125453 | 333  | Female | 666            | 777                   | Accounting | Active |        |

Showing 1-5 of 14 Records

**1** **2** **3** **Next**

This page is meant for the merchant to add and manage employees.

- products.php



### Products

+Add Product

Records per page: 5

| Product Code | Image | Product Name   | Description   | Status | Action |
|--------------|-------|----------------|---|--------|--------|
| A0003        |       | Avocado        | Healthy fat for healthy dishes!                     | Active |        |
| C0012        |       | Cabbage        | Fresh cabbage grown without any pesticides.         | Active |        |
| C0022        |       | Carrot         | Grown locally without any pesticides.               | Active |        |
| C0032        |       | Fruit Cucumber | Timun for dishes.                                   | Active |        |
| A0001        |       | Green Apple    | Freshest apples in Malaysia. Sold in packs of 500g. | Active |        |

Showing 1-5 of 6 Records

**1** **2** **Next**

This page is meant for merchants to add products to their store.

- customers.php



### Customers

Records per page: 5

Search:

| NO# | Username  | Name         | Email                       | Phone Number | Address             | Action |
|-----|-----------|--------------|-----------------------------|--------------|---------------------|--------|
| 1   | cust1     | Jason Lim    | gerdenremseyjr@hotmail.com  | 0218882102   | 82 Saradise         |        |
| 2   | cust2     | Ashley Tan   | heyitsashleytanxd@gmail.com | 0217719273   | 1024 Saberkas       |        |
| 3   | skyfarm96 | Michael Chai | skyangel77@gmail.com        | 0128789600   | Eden 2, MeiMei Road |        |
| 4   | cust5     |              | allianzwierdchamp@gmail.com |              |                     |        |

Showing 1-4 of 4 Records

The merchant can use this page to view details about the customers that have bought from their store and set custom prices for products for a specific customer.

- cust\_comments.php



### Customer Comments

Sort By: Newest First

| Customer Name       | Posted on           |
|---------------------|---------------------|
| S****               | 2024-05-25 22:49:27 |
| great service!      |                     |
| Sj****              | 2024-03-24 22:41:52 |
| very nice products! |                     |

The merchant can sort and view anonymized comments from customers about their store here.

- orders.php



## ☰ Orders

[+Add Order](#)Records per page: 5

Search:



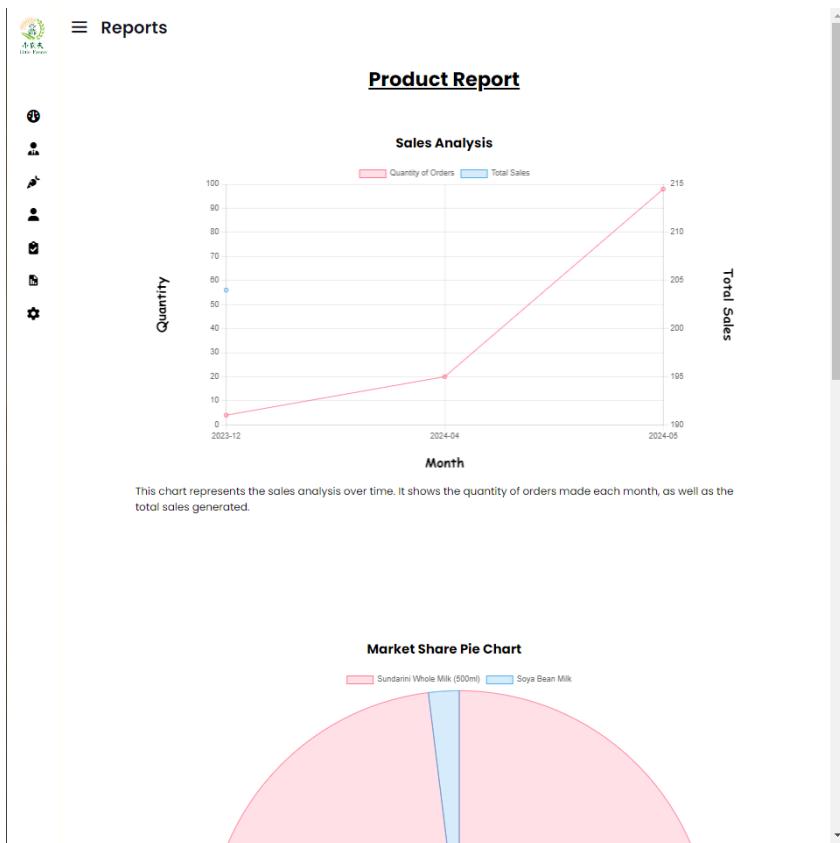
| Order ID# | Name           | Contact Number | Order Date | Payment Type     | Status | Action |
|-----------|----------------|----------------|------------|------------------|--------|--------|
| 39        | Jason Lim      | 0218882102     | 2024-05-25 | CASH ON DELIVERY | Active |        |
| 53        | Jason Lim      | 0218882102     | 2024-05-27 | CASH ON DELIVERY | Active |        |
| 64        | William Donald | 0123456789     | 2024-05-27 | CASH ON DELIVERY | Active |        |
| 68        | Peter Tan      | 0123254370     | 2024-05-27 | CASH ON DELIVERY | Active |        |
| 82        | Kobe Bryant    | 0143245367     | 2024-05-27 | CASH ON DELIVERY | Active |        |

Showing 1-5 of 6 Records

[1](#) [2](#) [Next](#)

The merchant can view and fulfil all orders here.

- product\_report.php



This page is meant for the merchant to get easily digestible information about the financial health of their store through the graphs and summaries that are generated.

- sales\_report.php

**Sales Report**

Start Date: 02 / 27 / 2023 End Date: 05 / 27 / 2024 Search Excel

| ITEM NO             | PRODUCT NAME AND WEIGHT(G)        | PRICE (RM) | QUANTITY | TOTAL (RM)       | DATE       | DETAILS                 |
|---------------------|-----------------------------------|------------|----------|------------------|------------|-------------------------|
| 1                   | Sundarini Whole Milk (500ml) (1)  | 20.00      | 1        | 20.00            | 2024-05-25 | <a href="#">Details</a> |
| 2                   | Sundarini Whole Milk (500ml) (1)  | 20.00      | 1        | 20.00            | 2024-05-25 | <a href="#">Details</a> |
| 3                   | Soya Bean Milk (1)                | 4.00       | 1        | 4.00             | 2024-05-25 | <a href="#">Details</a> |
| 4                   | Soya Bean Milk (1)                | 4.00       | 1        | 4.00             | 2024-05-25 | <a href="#">Details</a> |
| 5                   | Sundarini Whole Milk (500ml) (10) | 180.00     | 1        | 180.00           | 2024-05-25 | <a href="#">Details</a> |
| <b>Total Sales:</b> |                                   |            |          | <b>RM 228.00</b> |            |                         |

This page is meant for the merchant to get a detailed sales report for a specified time period.

- setting.php

≡ Dashboard

Shop Info

Shop Picture

Shop Title: The Milk Shop

Email: 1cockaricka@gmail.com

Phone Number: 0123541467

Description: Got Milk?

Personal Info

User Name: seller11

Name: seller11

Email: 1cockaricka@gmail.com

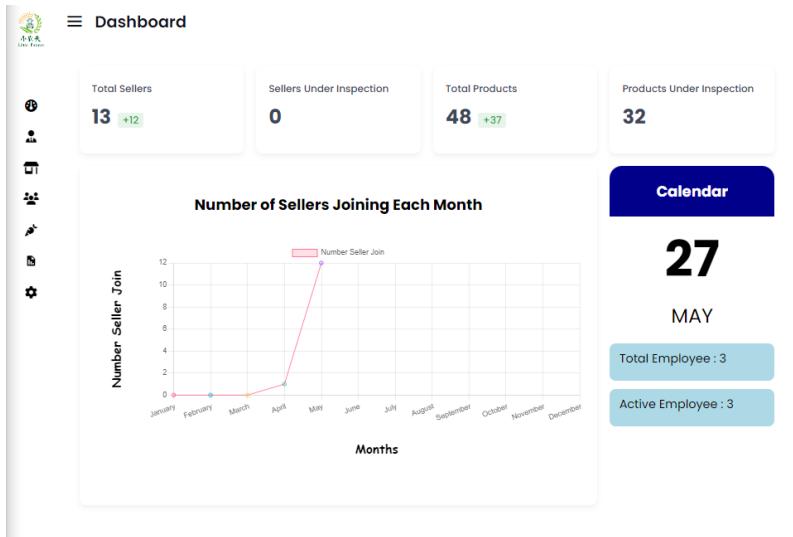
Phone Number: 0123541467

Update Profile

This page is meant for the merchant to update the store details and to set a new password.

## Admin

- dashboard.php



The admin can glance at the overall health of the store.

- [employees.php](#)

The Employees page includes the following features:

- +Add Employee button
- Records per page: 5
- Search bar: Search for names..

| Emp ID#        | Name   | Gender | Contact Number | Email                         | Job Title  | Status | Action |
|----------------|--------|--------|----------------|-------------------------------|------------|--------|--------|
| 51231221124541 | Haill  | Male   | 01234567891    | 4@gmail.com                   | Accounting | Active |        |
| 51231221125016 | 4      | Male   | 1              | 6                             | Accounting | Active |        |
| 0240426012326  | Kelvin | Female | 01111111111    | tehaccountantkelvin@gmail.com | Accounting | Active |        |

Showing 1-3 of 3 Records

This page is meant for the admin to add and manage other admins.

- [sellers.php](#)

  
**The Green Grocer**  
 Est. 2007

| Shop ID# | Image  | Title              | Email            | Phone Number | Status | Action  |
|----------|--|--------------------|------------------|--------------|--------|---|
| 52       |  | The Green Grocer   | gary@gmail.com   | 0824191000   | Active |  |
| 53       |  | Fresh Food Sdn Bhd | arthur@gmail.com | 0105093311   | Active |  |

The admin can view all the merchants that are on the platform on this page.

- comment\_inspection.php

  
**Comment Inspection**

| ID | User ID | Title              | Comment  | Posted on           | Delete  |
|----|---------|--------------------|--|---------------------|---|
| 1  | 2       | Little Farmer      | very nice products!  | 2024-03-24 22:41:52 |  |
| 2  | 6       | Lab of Happy Foods | I have reported you to the authorities for selling illegal drugs | 2024-04-25 13:26:39 |  |
| 3  | 2       | The Green Grocer   | nice   | 2024-05-06 16:14:37 |  |
| 4  | 3       | The Green Grocer   | very good!   | 2024-05-25 23:29:59 |  |
| 5  | 4       | The Green Grocer   | I love this shop!  | 2024-05-25 23:40:05 |  |

Comments Per Page: 5

1 2 3  
Next Last

The admin can see and delete all comments that are on the platform.

- seller\_inspection.php

**Sellers**

Records per page: 5

Search:

| Shop ID#                    | Title | Email | Phone Number | Action |
|-----------------------------|-------|-------|--------------|--------|
| NO SELLERS UNDER INSPECTION |       |       |              |        |

Showing 0-0 of 0 Records

The admin can approve new merchants on this page.

- users.php

**Customers**

+Add Customer

Records per page: 5

Search:

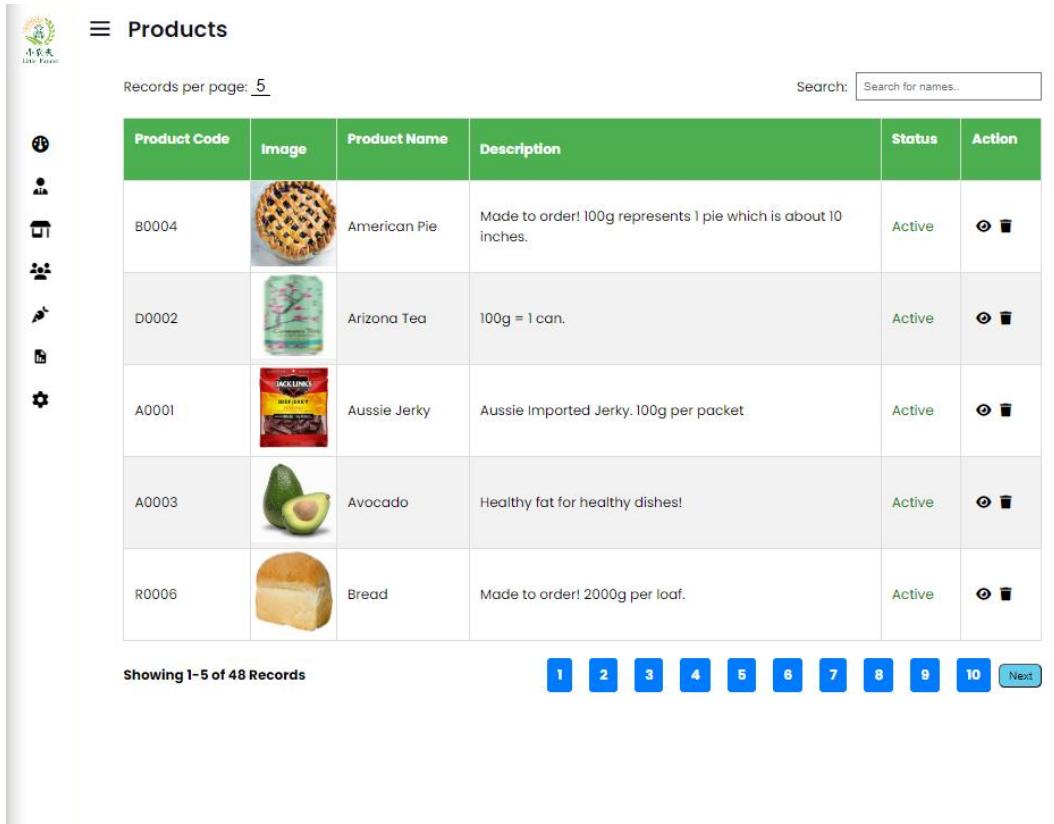
| NO# | Username     | Name             | Email                       | Phone Number | Location  | Action |
|-----|--------------|------------------|-----------------------------|--------------|---|--------|
| 1   | cust1        | Jason Lim        | gerdenremseyjr@hotmail.com  | 0218882102   | 82 Saradise                                       |        |
| 2   | cust2        | Ashley Tan       | heyitsashleytanxd@gmail.com | 0217719273   | 1024 Saberkas                                     |        |
| 3   | cust3        | William Donald   | willdona@youtube.com        | 0123456789   | YouTube headquarters at the Spring                |        |
| 4   | stephentan44 | Stephen Tan      | stephentan44@gmail.com      | 0102170960   | 547 Lorong 3 Rose Garden<br>93250 Kuching Sarawak |        |
| 5   | angrychef    | John Divasukarno | john@dailychefshow.net      | 0134569780   | 347 CityOne                                       |        |

Showing 1-5 of 13 Records

**1** **2** **3** **Next**

The merchant can view and ban all the users on the platform.

- products.php



**Records per page:** 5 **Search:** Search for names..

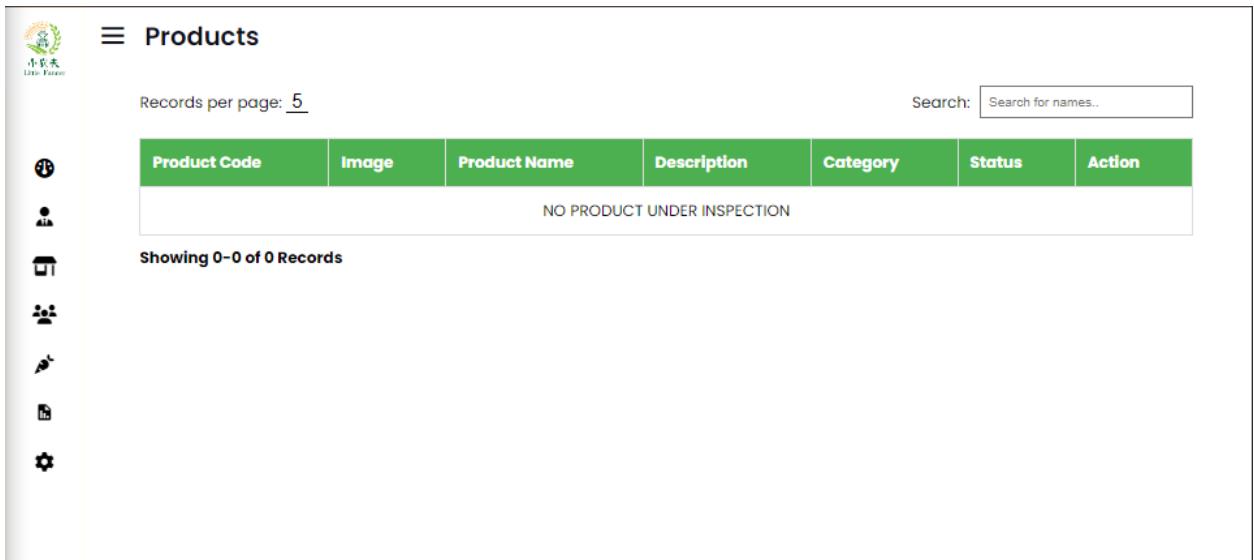
| Product Code | Image | Product Name | Description  | Status | Action |
|--------------|-------|--------------|--|--------|--------|
| B0004        |       | American Pie | Made to order! 100g represents 1 pie which is about 10 inches. | Active |        |
| D0002        |       | Arizona Tea  | 100g = 1 can.  | Active |        |
| A0001        |       | Aussie Jerky | Aussie Imported Jerky. 100g per packet.                        | Active |        |
| A0003        |       | Avocado      | Healthy fat for healthy dishes!                                | Active |        |
| R0006        |       | Bread        | Made to order! 2000g per loaf.                                 | Active |        |

Showing 1-5 of 48 Records

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

The admin can view and edit all products that are on the platform.

- product\_inspection.php



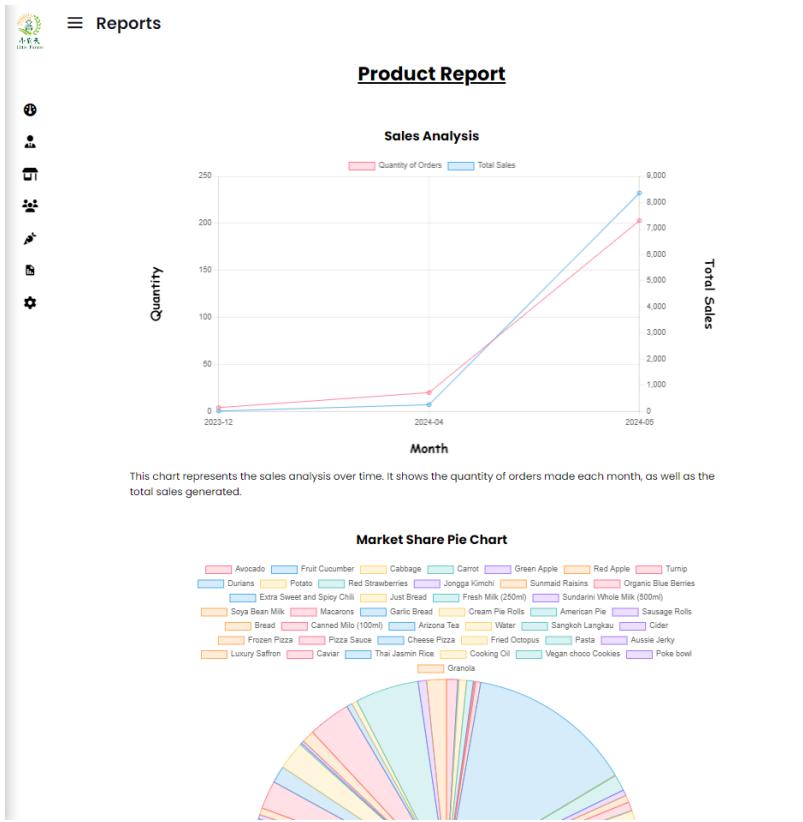
**Records per page:** 5 **Search:** Search for names..

| Product Code                | Image | Product Name | Description | Category | Status | Action |
|-----------------------------|-------|--------------|-------------|----------|--------|--------|
| NO PRODUCT UNDER INSPECTION |       |              |             |          |        |        |

Showing 0-0 of 0 Records

Admin can inspect the newly and modified product, so make sure everything is suitable selling in platform.

- admin\_report.php



This page gives the admin an overview of the website through graphs and summaries.

- sales\_report.php



### Sales Report



| Start Date | 02/27/2028              | End Date   | 05/27/2024 | Search     | Excel      |                         |
|------------|-------------------------|------------|------------|------------|------------|-------------------------|
| ITEM NO    | PRODUCT NAME AND WEIGHT | PRICE (RM) | QUANTITY   | TOTAL (RM) | DATE       | DETAILS                 |
| 1          | Carrot (400)            | 2.50       | 1          | 2.50       | 2023-12-28 | <a href="#">Details</a> |
| 2          | Carrot (400)            | 2.50       | 1          | 2.50       | 2023-12-28 | <a href="#">Details</a> |
| 3          | Carrot (400)            | 2.50       | 1          | 2.50       | 2023-12-28 | <a href="#">Details</a> |
| 4          | Carrot (600)            | 3.75       | 1          | 3.75       | 2023-12-28 | <a href="#">Details</a> |
| 5          | Carrot (600)            | 3.75       | 1          | 3.75       | 2023-12-28 | <a href="#">Details</a> |
| 6          | Carrot (600)            | 3.75       | 1          | 3.75       | 2023-12-28 | <a href="#">Details</a> |
| 7          | Carrot (400)            | 2.50       | 1          | 2.50       | 2023-12-28 | <a href="#">Details</a> |
| 8          | Carrot (400)            | 2.50       | 1          | 2.50       | 2023-12-28 | <a href="#">Details</a> |
| 9          | Carrot (400)            | 2.50       | 1          | 2.50       | 2023-12-28 | <a href="#">Details</a> |
| 10         | Cabbage (900)           | 6.00       | 1          | 6.00       | 2023-12-28 | <a href="#">Details</a> |
| 11         | Cabbage (900)           | 6.00       | 1          | 6.00       | 2023-12-28 | <a href="#">Details</a> |
| 12         | Cabbage (900)           | 6.00       | 1          | 6.00       | 2023-12-28 | <a href="#">Details</a> |
| 13         | Turnip (120)            | 2.10       | 2          | 4.20       | 2024-04-20 | <a href="#">Details</a> |

This page gives the admin a sales report of the entire website.

- settings.php



### Setting



#### Personal Info

|              |   |
|--------------|---|
| User Name    | <input type="text" value="admin"/>          |
| Name         | <input type="text" value="Wong"/>           |
| Email        | <input type="text" value="ryan@gmail.com"/> |
| Phone Number | <input type="text" value="01151385427"/>    |

[Update Profile](#)

#### Security

|                  |                          |
|------------------|--------------------------|
| Old Password     | <input type="password"/> |
| New Password     | <input type="password"/> |
| Confirm Password | <input type="password"/> |

[Update Password](#)

The admin can edit account details here.

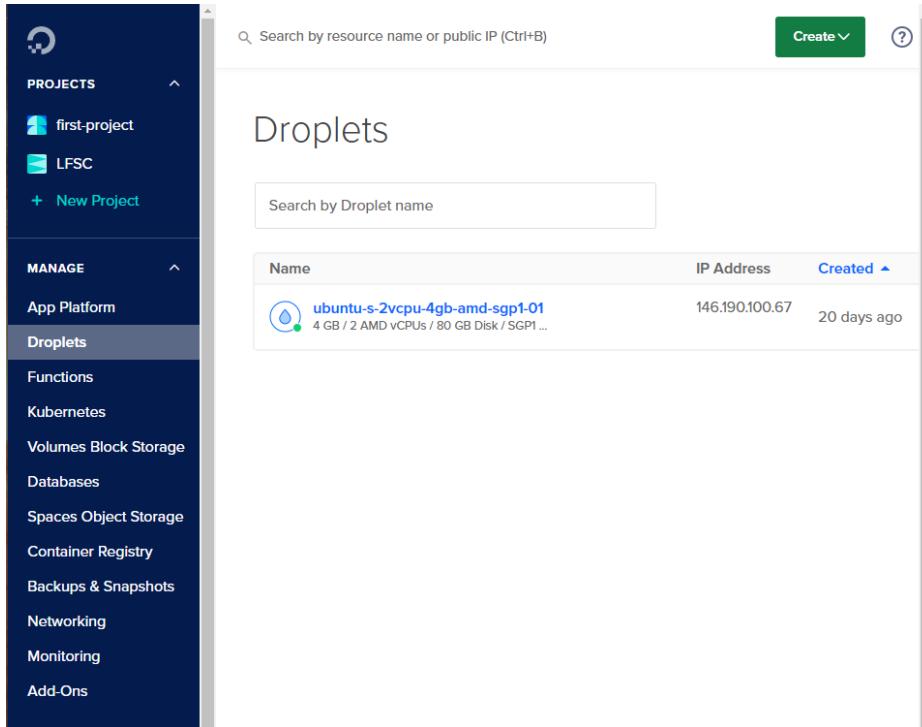
## Database

| Table                  |
|------------------------|
| admin                  |
| categories             |
| custom_prices          |
| orders                 |
| order_item             |
| payment_receipts       |
| product                |
| restaurant             |
| res_category           |
| seller_tg_verification |
| tblemployee            |
| tblprice               |
| tblvalidation          |
| tg_verification        |
| users                  |
| user_comments          |
| user_ratings           |
| <b>17 table(s)</b>     |

| Table         | Fields   |
|---------------|--|
| admin         | `adm_id`, `adm_Name`, `username`, `password`, `email`, `contact_num`, `code`, `u_role`, `store`, `date`, `storeStatus`, `chat_id`, `email_token`, `token_expiration`, `email_verified` |
| categories    | `categories_id`, `categories_name`, `categories_active`, `categories_status`   |
| custom_prices | `price_id`, `user_id`, `price`   |
| orders        | `order_id`, `order_date`, `client_name`, `client_contact`, `sub_total`, `total_amount`, `paid`, `due`,   |

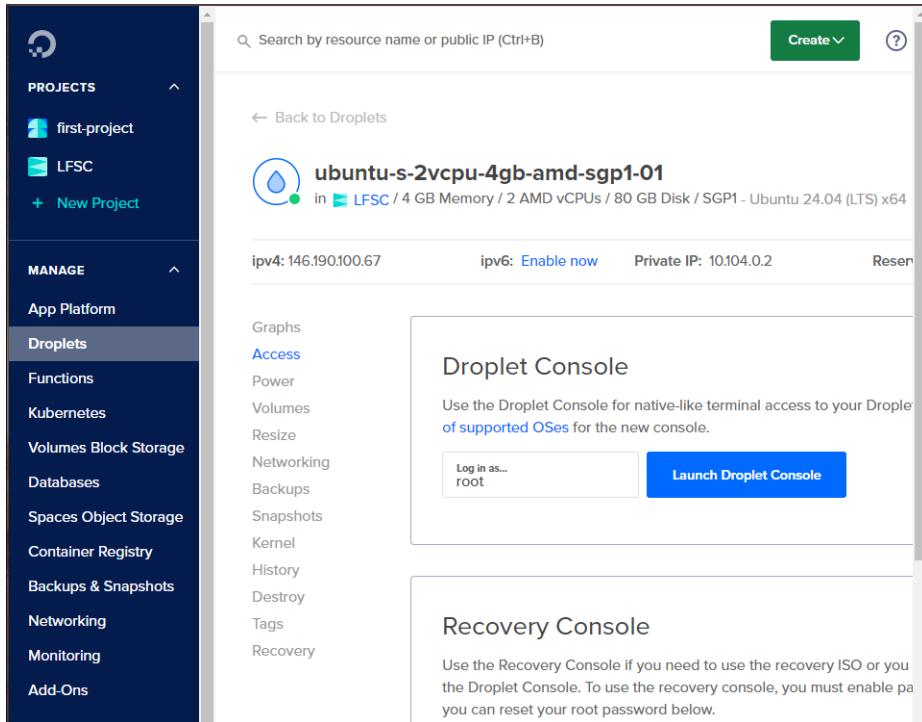
|                        |  |
|------------------------|--|
|                        | `payment_type`, `order_status`, `user_id`, `order_belong`,<br>`last_updated`, `is_seen`  |
| order_item             | `order_item_id`, `order_id`, `priceID`, `quantity`   |
| payment_receipts       | `receipt_id`, `order_id`, `receipt_path`, `upload_date`,<br>`status`   |
| product                | `product_id`, `productCode`, `product_name`,<br>`product_image`, `descr`, `categories_id`, `owner`,<br>`product_date`, `lowStock`, `status`  |
| restaurant             | `rs_id`, `c_id`, `title`, `email`, `phone`, `url`, `o_hr`,<br>`c_hr`, `o_days`, `address`, `image`, `date`, `description`  |
| res_category           | `c_id`, `c_name`, `date`   |
| seller_tg_verification | `id`, `adm_id`, `code`, `chatId`, `expiration`   |
| tblemployee            | `empNo`, `empID`, `pusername`, `password`, `icNo`,<br>`cempname`, `empgender`, `empcontact`, `empemail`,<br>`empjob`, `code`, `u_role`, `empstore`, `empstatus`,<br>`emailstatus`, `email_token`, `email_verified`               |
| tblprice               | `priceNo`, `productID`, `proQuant`, `proWeight`,<br>`proPrice`, `proDisc`  |
| tblverification        | `validNo`, `frontImg`, `backImg`, `faceImg`, `imgStatus`,<br>`comment`, `storeID`  |
| tg_verification        | `id`, `userId`, `code`, `chatId`, `expiration`   |
| users                  | `u_id`, `username`, `f_name`, `l_name`, `fullName`,<br>`gender`, `dob`, `email`, `phone`, `password`, `address`,<br>`status`, `date`, `chat_id`, `notifications_enabled`,<br>`email_token`, `token_expiration`, `email_verified` |
| user_comments          | `id`, `user_id`, `res_id`, `comment`, `created_at`   |
| user_ratings           | `id`, `user_id`, `res_id`, `rating`  |

# Digital Ocean



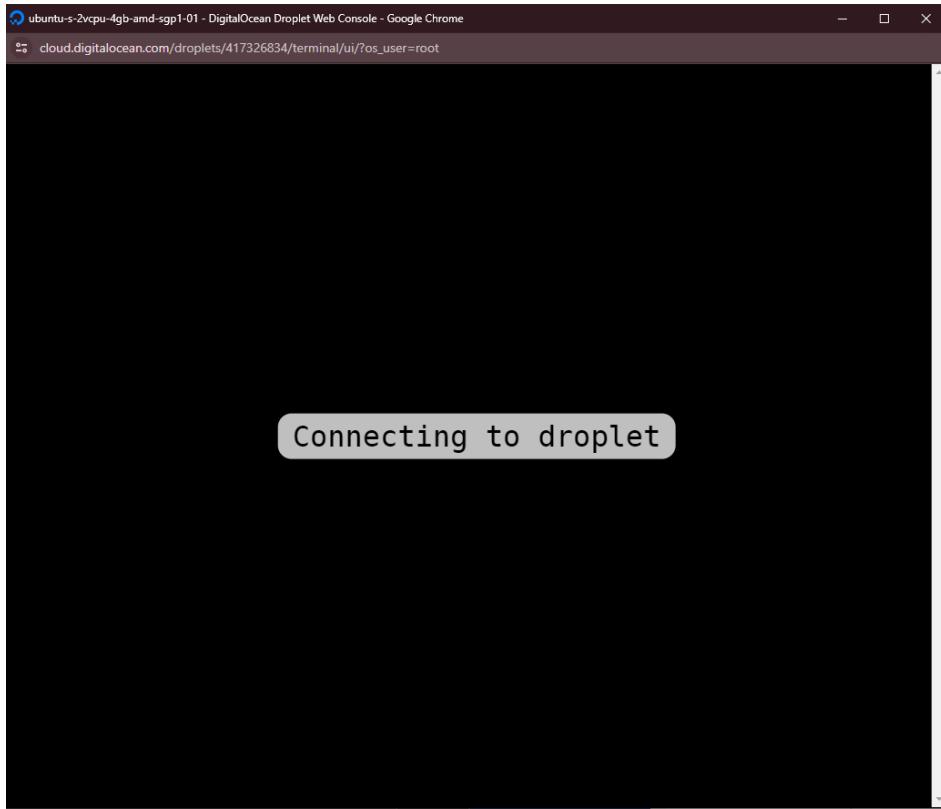
The screenshot shows the Digital Ocean control panel. On the left, a dark sidebar menu includes 'PROJECTS' (with 'first-project' and 'LFSC' listed), 'MANAGE' (with 'App Platform', 'Droplets' selected, 'Functions', 'Kubernetes', etc.), and 'Add-Ons'. The main area is titled 'Droplets' and contains a search bar. A table lists one droplet: 'ubuntu-s-2vcpu-4gb-amd-sgp1-01' (IP 146.190.100.67, 4GB/2 vCPUs/80GB, 20 days ago).

This is where the admin can find a server to deploy.



The screenshot shows the 'ubuntu-s-2vcpu-4gb-amd-sgp1-01' droplet details page. The sidebar is identical to the previous screenshot. The main content shows the droplet's configuration: IPv4 (146.190.100.67), IPv6 status (Enable now), and private IP (10.104.0.2). Below this, the 'Access' tab is selected, displaying the 'Droplet Console' section with a 'Launch Droplet Console' button and a 'Log in as...' dropdown set to 'ROOT'. The sidebar also lists 'Graphs', 'Power', 'Volumes', 'Resize', 'Networking', 'Backups', 'Snapshots', 'Kernel', 'History', 'Destroy', 'Tags', and 'Recovery'.

In the “Access” tab, the admin can deploy the droplet console.



When “Launch Droplet Console” is clicked, the droplet console will be launched, and the server will be running.

The screenshot shows the DigitalOcean control panel. On the left, there's a sidebar with 'PROJECTS' containing 'first-project' and 'LFSC', and 'New Project'. Under 'MANAGE', the 'Networking' tab is selected, while other options like 'App Platform', 'Droplets', 'Functions', 'Kubernetes', 'Volumes Block Storage', 'Databases', 'Spaces Object Storage', 'Container Registry', 'Backups & Snapshots', 'Monitoring', and 'Add-Ons' are listed below it. The main content area is titled 'Networking' and has tabs for 'Domains', 'Reserved IPs', 'Load Balancers', 'VPC', 'Firewalls', and 'PTR records'. The 'Domains' tab is active. It features a search bar at the top with placeholder text 'Search by resource name or public IP (Ctrl+B)'. Below the search bar is a 'Create' button and a help icon. The 'Add a domain' section contains a text input field 'Enter domain' with a required asterisk (\*) and a 'LFSC' button with a logo. The 'Domains' section lists a single entry: 'lfsc.shop' under 'Directs to' '1NS'. There's also a small note: 'Enter a domain that you own below and start managing your DNS within your DigitalOcean account'.

In the “Networking” tab, the admin can set the domain name of the website.

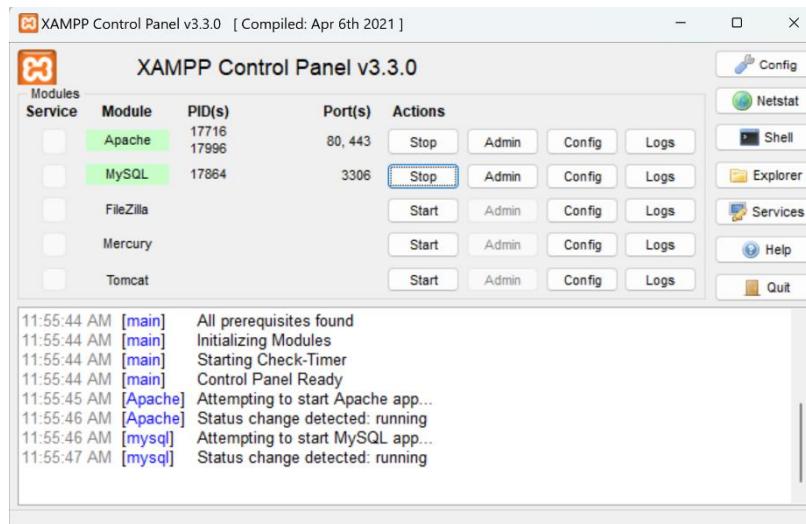
## 4.0 Installation Procedures

### GitHub

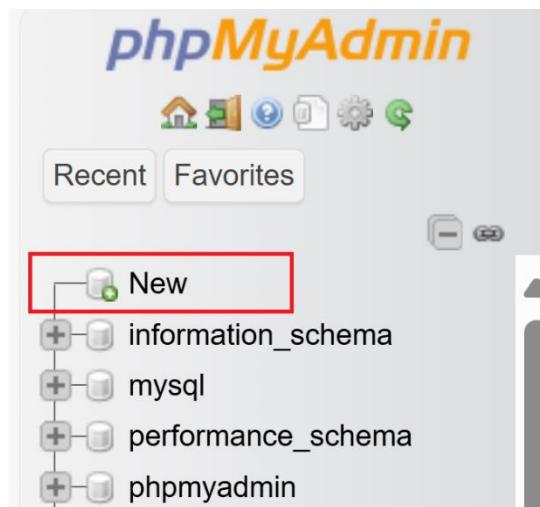
- Download GitHub desktop from <https://desktop.github.com> and login.

## localhost

- Download XAMPP from <https://www.apachefriends.org/download.html> and install (use default path).
- Open XAMPP control panel to start Apache and MySQL.



- Clone the repo using File > Clone repository and clone the repository (repo) into the **htdocs** folder.
- Type **localhost/phpmyadmin** in your web browser and press enter.
- Create a new schema named **store**.



- After creating, click on the newly created schema **store**, and then click on import. Navigate to the repo folder > sql > store.sql. E.g. C:\XAMPP\htdocs\LFSC\sql\store.sql. After choosing the sql file, click on import at the bottom.

Structure SQL Search Query Export Import

## Importing into the database "store"

**File to import:**

File may be compressed (gzip, bzip2) or uncompressed.  
A compressed file's name must end in **.[format].[compression]**. Example: **.sql.zip**

Browse your computer: (Max: 40MiB)

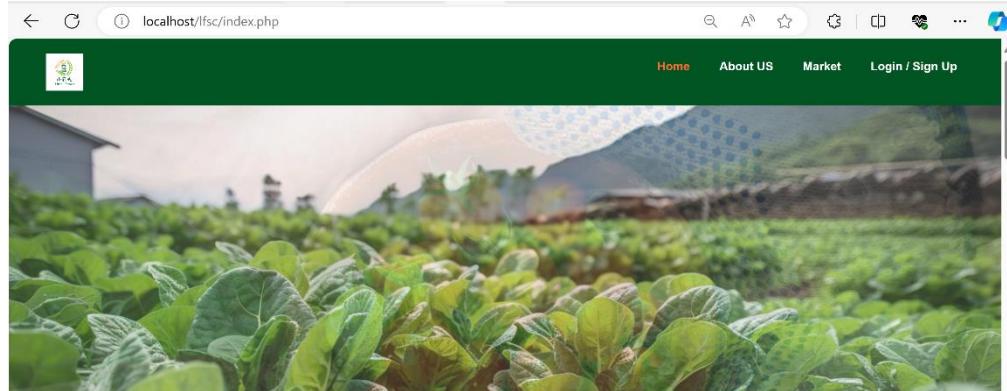
Choose File No file chosen

You may also drag and drop a file on any page.

Character set of the file:

utf-8

- Now, you can access the website on your computer by typing in `localhost/{repo name}`. E.g. `localhost/LFSC`. You will automatically be redirected to the index page.



# Digital Ocean

1.

The screenshot shows the DigitalOcean control panel. On the left, a dark sidebar lists 'PROJECTS' with 'first-project' and 'LFSC', and 'MANAGE' with various options like 'App Platform', 'Droplets' (which is highlighted in blue), 'Functions', 'Kubernetes', etc. At the top right is a search bar and a green 'Create' button. The main area is titled 'Droplets' and contains a table with one row:

| Name   |
|--|
| ubuntu-s-2vcpu-4gb-amd-sgp1-01<br>4 GB / 2 AMD vCPUs / 80 GB Disk / SGPI ... |

A large blue arrow points from the text 'Click on "Droplets"' to the 'Droplets' link in the sidebar. To the right of the main area is a vertical sidebar with a list of services:

- Droplets: Create cloud servers
- Kubernetes: Create Kubernetes clusters
- App Platform: Deploy your code
- Functions: Create Cloud Functions
- Databases: Create database clusters
- Volumes Block Storage: Add storage to Droplets
- Spaces Object Storage: Store and serve static assets
- Domains/DNS: Route your existing domains
- Cloud Firewalls: Increase Droplet security
- Reserved ips: Reserve IP addresses for Droplets
- Load Balancers: Distribute traffic to Droplets
- Resource Alerts: Monitor your Droplets

Click on “Droplets”.

The screenshot shows the DigitalOcean control panel. On the left, a dark sidebar lists 'PROJECTS' with 'first-project' and 'LFSC', and 'MANAGE' sections for App Platform, Droplets, Functions, Kubernetes, Volumes Block Storage, Databases, Spaces Object Storage, Container Registry, Backups & Snapshots, Networking, Monitoring, Add-Ons, and 'By DigitalOcean' with Billing, Support, and Settings. The main area has a search bar at the top with placeholder text 'Search by resource name or public IP (Ctrl+B)'. A green 'Create' button and a help icon are also at the top right. The central part of the screen is titled 'Create Droplets' and contains a brief description: 'Droplets are virtual machines that anyone can setup in seconds. You can use droplets, e...' followed by 'larger, cloud based infrastructure.' Below this, a section titled 'Choose Region' shows a grid of options: New York (selected), San Francisco, Singapore, London, Toronto, and Bangalore. A 'Datacenter' dropdown menu is set to 'New York • Datacenter 1 • NYC1'. A tip box says: 'Tip: Select the datacenter closest to you or your users. Avoid any potential latency by selecting a region closest to you - a region is a geographic area containing one or more datacenters.' At the bottom, it shows 'VPC Network - default-nyc1' with a 'DEFAULT' button, a price of '\$28.00/month' and '\$0.042/hour', and a 'CREATE VIA COMMAND LINE' link.

2. Configure Droplet server then click “Create Droplet”. “ubuntu-s-2vcpu-4gb-amd-sgp1-01” was used for the configuration of this server.

DNS records define how your domain behaves, like showing your website content and delivering your email.

**Add New Record**

| Type | Name | Data           | TTL         | Delete | Edit |
|------|------|----------------|-------------|--------|------|
| A    | @    | 146.190.100.67 | 600 seconds |        |      |

3.

Go to a hosting service provider (GoDaddy in this case) and purchase a domain. Set the domain IP address to the IP address of the Droplet Server.

Create new record

A    AAAA    CNAME    MX    TXT    NS    SRV    CAA

HOSTNAME    WILL DIRECT TO    TTL (SECONDS)

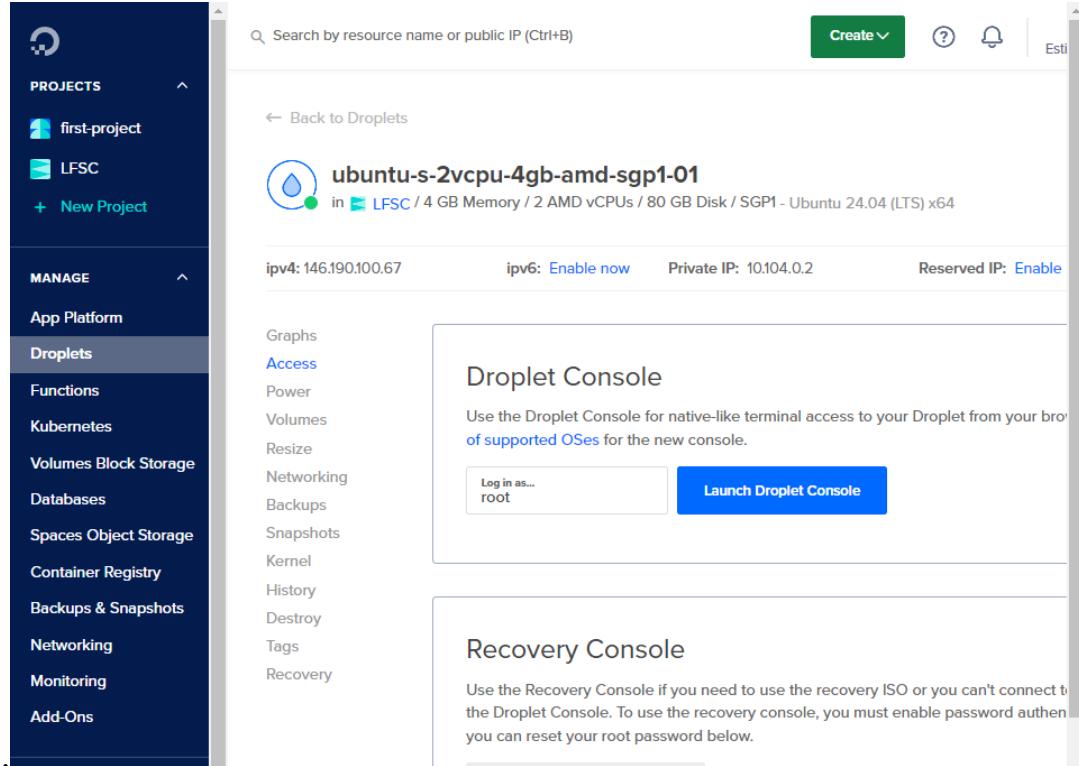
Enter @ or hostname    Select resource or enter custom IP    Enter TTL 3600    Create Record

DNS records

| Type | Hostname  | Value                      | TTL (seconds) | More |
|------|-----------|----------------------------|---------------|------|
| NS   | lfsc.shop | directs to 146.190.100.67. | 1800          |      |

4.

Go to the “Networking” tab and click on “Domains”. Then add “lfsc.shop” (or whatever your domain is called).



5.

Go into the “Droplet” tab then go into the “Access” sub tab and click on “Launch Droplet Console” to configure server.

6. Update the server and install the necessary tools with the following commands:

- sudo apt-get update
- sudo apt-get install -y nginx
- sudo service nginx start
- sudo apt-cache show php

7. Install the latest php version with the following command:

- sudo apt-get install php8.3-cli php8.3-fpm php8.3-curl php8.3-gd php8.3-mysql  
php8.3-mbstring
- zip unzip

8. Configure nginx

- Enter the following command: nano /etc/nginx/sites-enabled/default
- Delete all the text in the file with CTRL+K and copy and paste the text below into the file:  
##

```

# You should look at the following URL's in order to grasp a solid
understanding
# of Nginx configuration files in order to fully unleash the power of
Nginx.
# https://www.nginx.com/resources/wiki/start/
#
https://www.nginx.com/resources/wiki/start/topics/tutorials/config_pitfalls/
# https://wiki.debian.org/Nginx/DirectoryStructure
#
# In most cases, administrators will remove this file from sites-
enabled/ and
# leave it as reference inside of sites-available where it will
continue to be
# updated by the nginx packaging team.
#
# This file will automatically load configuration files provided by
other
# applications, such as Drupal or Wordpress. These applications will be
made
# available underneath a path with that package name, such as /drupal8.
#
# Please see /usr/share/doc/nginx-doc/examples/ for more detailed
examples.
##

# Default server configuration
#
server {
    listen 80 default_server;
    listen [::]:80 default_server;

    # SSL configuration
    #
    # listen 443 ssl default_server;
    # listen [::]:443 ssl default_server;
    #
    # Note: You should disable gzip for SSL traffic.
    # See: https://bugs.debian.org/773332
    #
    # Read up on ssl_ciphers to ensure a secure configuration.
    # See: https://bugs.debian.org/765782
    #
    # Self signed certs generated by the ssl-cert package
    # Don't use them in a production server!
    #
    # include snippets/snakeoil.conf;

    root /var/www/html/LFSC2 ;

    # Add index.php to the list if you are using PHP
    index index.php index.html index.htm index.nginx-debian.html;

    server_name lfsc.shop www.lfsc.shop;
location / {
    # First attempt to serve request as file, then
    # as directory, then fall back to displaying a 404.
}

```

```

        try_files $uri $uri/ =404;
    }

    # pass PHP scripts to FastCGI server
    #
    location ~ \.php$ {
        include snippets/fastcgi-php.conf;
    #
    #       # With php-fpm (or other unix sockets):
    #       fastcgi_pass unix:/run/php/php8.3-fpm.sock;
    #       # With php-cgi (or other tcp sockets):
    #       fastcgi_pass 127.0.0.1:9000;
    }

    # deny access to .htaccess files, if Apache's document root
    # concurs with nginx's one
    #
    #location ~ /\.ht {
    #    deny all;
    #}
}

# Virtual Host configuration for example.com
#
# You can move that to a different file under sites-available/ and symlink
# that
# to sites-enabled/ to enable it.
#
#server {
#    listen 80;
#    listen [::]:80;
#
#    server_name example.com;
#
#    root /var/www/example.com;
#    index index.html;
#
#    location / {
#        try_files $uri $uri/ =404;
#    }
#}

```

- Save with CTRL+X

## 9. Configure lfsc.shop

- Enter the commands: nano /etc/nginx/sites-enabled/lfsc.shop
- Delete all the text in the file and copy and paste the text below into the file:

```

server {
    listen 80;
    server_name lfsc.shop www.lfsc.shop;

    root /var/www/html/LFSC2;
    index index.php index.html index.htm;

```

```

location / {
    try_files $uri $uri/ /index.php$is_args$args;
}

location ~ \.php$ {
    include snippets/fastcgi-php.conf;
    fastcgi_pass unix:/run/php/php8.3-fpm.sock;
}

location ~ /\.ht {
    deny all;
}
}

```

10. Create a SQL database by entering the following commands:

- sudo apt update
- sudo apt install mysql-server
- mysql
- CREATE DATABASE store;
- use store;
- 

11. Create database user profile by typing in the following:

```

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";
CREATE USER 'admin'@'localhost' IDENTIFIED BY 'adminpass';
GRANT ALL ON store.* TO 'admin'@'localhost';

```

12. Populate database.

- Copy and paste everything from your local .sql file into the terminal
- Exit MYSQL with the command “exit;”

13. Copy and paste the following to pull the repository from github:

- git clone https://github.com/DevinCh33/LFSC2.git

# Telegram

## Downloading and Installing Telegram

1. Visit the Telegram Website:

- Go to the [Telegram website](#).

2. Download Telegram:

- Click on the “Get Telegram for Windows/Mac/Linux” button or select the appropriate version for your operating system.

3. Install Telegram:

- For Windows:

1. Open the downloaded .exe file.
2. Follow the installation instructions by clicking “Next” and “Install”.

- For Mac:

1. Open the downloaded .dmg file.
2. Drag the Telegram app to the Applications folder.

- For Linux:

1. Follow the instructions provided on the Telegram website for your specific Linux distribution.

4. Launch Telegram:

- Open the Telegram app from your desktop or applications menu.

5. Set Up Telegram:

- Enter your phone number and click “Next”.
- Enter the verification code sent to your phone via SMS.
- Complete your profile setup by entering your name and adding a profile picture if desired.
- 

## Setting Up NGROK (Only applicable for localhost testing)

1. Visit the NGROK Website:

- Go to the [NGROK website](#).

## 2. Sign Up/Log In:

- Sign up for an NGROK account if you don't have one or log in if you already do.

## 3. Download NGROK:

- Go to the download page and download the version suitable for your operating system.

## 4. Install NGROK:

- For Windows:

1. Unzip the downloaded file.
2. Move the ngrok.exe file to a directory of your choice.
3. Add the directory to your system's PATH environment variable if you want to run ngrok from any command prompt.

- For Mac/Linux:

1. Open a terminal window.
2. Unzip the downloaded file with unzip /path/to/ngrok.zip.
3. Move the ngrok binary to a directory in your PATH with mv /path/to/ngrok /usr/local/bin.

## 5. Authenticate Your NGROK Account:

- In your terminal or command prompt, run the command provided in your NGROK dashboard to authenticate your account. It will look something like this:

```
ngrok authtoken YOUR_AUTH_TOKEN
```

# 5.0 Configuration Details

## a. localhost

- Download a code editor such as [Visual Studio Code](#) (VS Code).
- Open the repo folder in VS Code (File > Open Folder).
- Have GitHub Desktop opened.

- You may make changes to the code as you wish.
  - Review your changes with GitHub Desktop.
  - If satisfied, write some details about your changes and commit.
- b. Digital Ocean (Devin)
  - c. GoDaddy (Devin)
  - d. Telegram

## Configuring NGROK

### 1. Start NGROK:

- Open a terminal or command prompt.
  - Press Win + R, type cmd, and press Enter.
- Use the cd Command to Change Directory.
  - cd path\to\directory
- Start NGROK by typing the command:
  - ngrok http 80
  - Replace 80 with the port number your local server is running on.

### 2. Check the NGROK Dashboard:

- Once NGROK is running, you will see a dashboard with the status of your tunnels.
- Note the public URL (e.g., <http://abcd1234.ngrok-free.io>) provided by NGROK.
- Replace the new URL with the **BOLD** URL below:
  - Customer bot webhook:  
[667f-180-73-156-227.ngrok-free.app/{repo name}/seller/seller\\_telegram\\_bot.php](https://api.telegram.org/bot6857843252:AAHa267pqAKyWAimgH52Vi4NY0t1FdsMu0A/setWebhook?url=https://<b>667f-180-73-156-227</b>.ngrok-free.app/{repo name}/telegram_bot.php</a></li>
<li>- Seller bot webhook:<br/>
<a href=)

### 3. Start interacting with the Telegram bot to see if there is any response from it.

- Customer bot link: [https://t.me/lfsc\\_buyer\\_bot](https://t.me/lfsc_buyer_bot)
- Seller bot link: [https://t.me/lfsc\\_seller\\_bot](https://t.me/lfsc_seller_bot)

#### e. Configuration Files

- There are a few configuration files in the system.

```
    ✓ config
        { } cart.json
        🐘 cart.php
        🐘 comment.php
        🐘 connect.php
        🐘 email.php
        { } recommend.json
        🐘 recommend.php
        🐘 search.php
```

- **connect.php:** Mainly includes the details (such as username, password and schema name) required to access the database using **mysqli**. Note that there is separate **connect.php** files for seller and admin as well.
- **email.php:** Requires an email username, password and more details about the mail server to send an email.
- **search.php:** \$max is the maximum number of products listed for a search.
- **recommend.php:**
- \$messageRec are the messages that are shown in the four product recommendations (refer to the system overview above).
- Products that have a price of +- range (as indicated in \$price) compared to the last ordered product's price, will be recommended.
- \$recommendMerchantsBasedOnRating can either be **avg**, **sum**, or **mul**. This will determine which six merchants get recommended based on their rating.
- **Avg:** Only considers their average rating. This will allow new merchants to be shown here easily, as it is likely for a new merchant to get a 5.0 rating easily, while a well-respected merchant might only have a 4.8 average rating.
- **sum:** Usually, the more ratings a merchant has, the higher its score will be. This might allow some low rating merchants to be recommended.
- **mul:** By considering the average rating and the number of ratings, this will push merchants with many positive ratings to the top. However, it is likely that the

recommended merchants list will not change much, providing less opportunity for new merchants to be recommended.

- recommend.json: Best to only put four products to guide new customers in what to search for in the search bar.
- cart.json:
- debug: For use in development, this can be set to **true** to see some debugging messages relating to the cart in the browser's console.
- enableQuantityCheck: Makes sure that the quantity of product that the customer wants to add to cart is not higher than the number available.
- cart.php:
- \$exactPriceCheck: It is possible to use a browser's Inspect Element tool to change the pricing of products charged. Setting this to **true** will combat that.
- \$roomForError denotes the maximum difference it can allow, or it will reject the product being added into the cart. The recommended is 0.00999, which is less than a cent difference (so no price change is allowed) but will allow for some error in the case of imperfect computing.
- \$divideMinPrice: If \$exactPriceCheck is disabled, the room for error is based on this value. It can be set to 999999 for no price checking.
- \$divideMaxStock: Same concept of combating Inspect Element, but this time on the number of available stock. One should not be able to buy more than the number of stock that is actually available. It can also be set to 999999 for no stock checking.
- \$refreshBeforeCheck: Refreshes the product list that is used for price and stock checking. Recommended to be set to **false**.
- Note: Do not use the Seller's custom prices feature if there is price checking involved.
- comment.php: \$swearWords is the list of swear words that are blacklisted. If a comment contains these words, the comment will not be posted.

## 6.0 Security Configuration

### Implementation in Code

- The provided code snippet secures access by checking for an admin session variable `\$\_SESSION['adm\_id']`. If this variable isn't set, indicating the user isn't logged in as an admin, the script redirects them to a specified URL using `header()` to prevent further code execution. The `connect.php` file is included to establish a database connection, essential for subsequent operations. This setup ensures only

authenticated admins can access the page, enhancing security by preventing unauthorized access and protecting sensitive information. Proper session management with `session\_start()` is assumed at the script's beginning.

**Code:**

```
<?php  
  
include("../config/connect.php"); // connection to database  
  
if(!$_SESSION['adm_id']) {  
    header('location:'.$inv_url);  
}  
?>
```

- The code enhances security by securely handling user input during registration or login. It retrieves the email from the POST request and hashes the password using `password\_hash` with bcrypt, making passwords resistant to attacks. This ensures that even if the database is compromised, actual passwords are not easily retrievable. Additionally, sanitizing and validating the email input prevents XSS and ensures it is valid. This approach protects sensitive data and maintains the integrity of user credentials.

**Code:**

```
$email = $_POST['email'];  
$password = password_hash($_POST['txtPass'], PASSWORD_DEFAULT); // Default is  
bcrypt
```

- To create an account, the PHP script ensures secure authentication by establishing a database connection (`connect.php`) and including `checks.php` for added security measures like input validation. Upon form submission (`\$\_POST['submit']`), it securely compares the hashed password (`password\_verify(\$password, \$row['password'])`) and checks email verification (`\$row['email\_verified']`) before granting access. Session management (`\$\_SESSION`) maintains user authentication and handles critical tasks such as price validation (`PricesCheck`). After successful authentication, users are redirected (`header("refresh:1;url=market.php")`) to `market.php`, enhancing security by ensuring only authenticated users can access sensitive functionalities.
- Using if-else conditions in this manner ensures that the script securely validates user credentials, manages sessions effectively, and provides appropriate feedback to users based on

their login status and verification status. This structured approach helps maintain system security and user trust while handling sensitive information securely.

**Code:**

```
<?php
include("config/connect.php"); // connection to database
include("includes/checks.php"); // for PWS dictionary

if (isset($_SESSION["user_id"])) // if already logged in
{
    header("refresh:0;url=market.php"); // redirect to market.php page
}

if (isset($_POST['submit'])) {
    $username = $_POST['username'];
    $password = $_POST['password'];

    if (!empty($_POST['submit'])) {
        // Update the query to also select the email_verified field
        $loginquery = "SELECT u_id, password, email_verified FROM users
WHERE username='{$username}'";
        $result = mysqli_query($db, $loginquery);
        $row = mysqli_fetch_array($result);

        // First check if the user is found and then if the email is
        verified
        if ($row && password_verify($password, $row['password'])) {
            if ($row['email_verified']) {
                $_SESSION['user_id'] = $row['u_id'];
                $_SESSION['loginStatus'] = true;
                $_SESSION['pricesCheck'] = new PricesCheck();
                $_SESSION['pricesCheck']->Refresh($db);

                header("refresh:1;url=market.php");
            } else {
                $message = "You must verify your email to log in.";
            }
        } else {
            $message = "Invalid Username or Password!";
        }
    }
}
?>
```

- To reset password, the PHP script ensures security by including `connect.php` for a secure database link. It validates the token (`\$\_GET['token']`) and checks its validity (`token\_expiration > NOW()`) to prevent unauthorized access. Password updates (`\$\_POST['updatePassword']`) use `password\_hash()` for secure encryption and parameterized queries (`mysqli\_real\_escape\_string()`) to mitigate SQL injection risks.

Feedback (`\$message`) informs users of successful or failed password updates, enhancing transparency. Integration of `vendor/autoload.php` implies additional security measures from external libraries. Overall, these practices secure password reset functionality, safeguarding user data and maintaining system integrity.

**Code:**

```
<?php
include("config/connect.php");
require 'vendor/autoload.php';

$message = '';
$redirect = false;
if (isset($_GET['token'])) {
    $token = $_GET['token'];

    // Check if the token exists and is not expired
    $query = "SELECT * FROM users WHERE email_token = '$token' AND
token_expiration > NOW()";
    $result = mysqli_query($db, $query);

    if (mysqli_num_rows($result) > 0) {
        $user = mysqli_fetch_assoc($result);

        if (isset($_POST['updatePassword'])) {
            $newPassword = mysqli_real_escape_string($db,
$_POST['password']);
            $hashedPassword = password_hash($newPassword, PASSWORD_DEFAULT);

            $updateQuery = "UPDATE users SET password = '$hashedPassword',
email_token = NULL, token_expiration = NULL WHERE email_token = '$token'";
            if (mysqli_query($db, $updateQuery)) {
                $message = "<div class='alert alert-success'
role='alert'>Your password has been updated successfully. You will be
redirected back to the login page in 3 seconds.</div>";
                $redirect = true;
            } else {
                $message = "<div class='alert alert-danger'
role='alert'>Failed to update your password. Please try again.</div>";
            }
        }
    } else {
        $message = "<div class='alert alert-danger' role='alert'>Invalid or
expired token!</div>";
    }
} else {
    $message = "<div class='alert alert-danger' role='alert'>No token
provided!</div>";
}
```

```
}
```

```
?>
```

## 7.0 Troubleshooting

Explain error message:

- If a customer adds something to cart, and after a refresh or during checkout and at least one product is missing, it means the price detection system rejected a product added. This is due to the customer using Inspect Element to cheat. It is also likely that there is a genuine stock mismatch due to the system. If so, this can be remedied by increasing the \$divideMaxStock. If custom prices are not working, \$exactPriceCheck should be set to **false** and \$divideMinPrice should be set to a much higher value. Alternatively, custom prices should be disabled.
- If a customer cannot post a comment (nothing happens), it means the swear filter blocked the comment. Try checking the \$swearWords variable.

## 8.0 Configuration templates

### Digital Ocean

1. Ensure that the connect.php in the seller folder has the following configuration:

```
<?php
session_start(); // Temp session
error_reporting(0); // Hide undefined index errors
date_default_timezone_set("Asia/Kuala_Lumpur");

// Main connection file for both admin & front end
$servername = "localhost"; // server
$username = "admin"; // username
$password = "adminpass"; // password
$dbname = "store"; // database
$inv_url = "http://lfsc.shop/seller/";

// Create connection
$db = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$db)
{
    die("Connection failed: " . mysqli_connect_error());
}
```

2. Ensure that the connect.php in the admin folder has the following configuration:

```
<?php
```

```

session_start(); // Temp session
error_reporting(0); // Hide undefined index errors
date_default_timezone_set("Asia/Kuala_Lumpur");

// Main connection file for both admin & front end
$servername = "localhost"; // server
$username = "admin"; // username
$password = "adminpass"; // password
$dbname = "store"; // database
$inv_url = "http://lfsc.shop/seller/";

// Create connection
$db = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$db)
{
    die("Connection failed: " . mysqli_connect_error());
}

```

3. Ensure that the InfoProduct.php in the seller folder has the following configuration:

```

<?php
include('../connect.php');

$valid = false;
$check = false;

$formdataArray = array();
foreach ($_POST as $key => $value) {
    $formdataArray[$key] = $value;
}

$act = $formdataArray['act'];

$date = date("Y-m-d");
$proID = $formdataArray['proID'];

$productID = $formdataArray['proID'];
$productCode = $formdataArray['productCode'];
$productName = $formdataArray['proName'];
$productDescription = $formdataArray['proDescr'];
$productCategory = $formdataArray['proCat'];
$productStatus = $formdataArray['proStatus'];
$productStockAlert = $formdataArray['txtStock'];
$store = $formdataArray['storeID'];

// Extract quantity, weight, price and discount values from the arrays
$quantityValues = $formdataArray['quantity'];
$weightValues = $formdataArray['weight'];
$priceValues = $formdataArray['price'];
$priceNo = $formdataArray['priceNo'];
$discountValues = $formdataArray['discount'];

$uploadDirectory = "../images/product/";
$fileDirectory = "http://lfsc.shop/seller/images/product/";
$fileName = uniqid() . '.' . pathinfo($_FILES['proImage']['name'],
PATHINFO_EXTENSION);

```

```
$imageTmpName = $_FILES['proImage']['tmp_name'];
$uploadFile = $uploadDirectory.$fileName;
move_uploaded_file($imageTmpName, $uploadFile);
$urlImage = $fileDirectory . $fileName;
```