

IE4717 Web Application Design – Design Project Report

Design Project Group Number: F36-DG12

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Project Title: A web portal for online local snack ordering service

Summary of Project: The aim of the project is to produce a web application for a local snack shop. The web page is designed to allow customers to browse the menu page and make purchases. Upon placing an order, a confirmation email will be sent to the customers. They can also view their order status via the Profile (Order History) page. The snacks will then be delivered to their place of choice. Customers are also required to login if they want to make orders. They can sign up for an account if they do not have one. In addition, they can send their enquiries / feedback via the page as well.

1.	Application Requirements & Specifications	3
2.	Functional Requirements & Specifications	3
3.	Design of Web Application	5
3.1.	Site Maps	5
3.2.	Storyboards	6
3.3.	Wireframes.....	7
3.4.	Database	13
3.5.	Web Application Testing Plan	16
4.	Implementation	18
4.1.	General structure of the source code	18
4.2.	Coding of website template.....	19
4.3.	Menu Page (menu.php)	20
4.4.	Cart Page (cart.php).....	21
4.5.	Checkout Page (checkout.php)	24
4.6.	Order Page (order.php).....	28
4.7.	Login Page (login.php).....	29
4.8.	Sign Up Page (signup.php).....	30
4.9.	Account Page / Hi, Name (account.php)	32
4.10.	Order History (history.php).....	32
4.11.	Contact Page (contact.php)	33
4.12.	Admin - Update Order Status Page (update_orders.php).....	34
4.13.	Admin - Update Menu Prices Page (price_update.php)	36
4.14.	Admin - Sales Report Page (reports.php)	36
5.	Testing of web application.....	37
5.1.	Test 1: Menu Page	37
5.2.	Test 2: Cart Page	37
5.3.	Test 3: Sign Up Page	37
5.4.	Test 4: Login Page	40
5.5.	Test 5: Checkout Page.....	40
5.6.	Test 6: Profile Page.....	44
5.7.	Test 7: Contact Page	44
5.8.	Test 8: Admin - Update Order Status Page.....	46
5.9.	Test 9: Admin - Update Menu Prices Page	46
5.10.	Test 10: Admin - Sales Report Page.....	48
6.	Conclusion	49
7.	Appendices	49

1. Application Requirements & Specifications

- Requirement 1: Application should allow the visitor to browse the menu of the Curry Puff
- Requirement 2: Application should allow customers to specify the quantity and then add items to cart.
- Requirement 3: Application should allow users to login or sign up for a new account
- Requirement 4: Application should allow customers to view their order summary, indicate delivery details and make payment (input discount code if they have).
- Requirement 5: Application should allow customers to view their account details
- Requirement 6: Application should allow customers view their order history and order status
- Requirement 7: Application should allow users to find contact details or send feedback through Contact Page

2. Functional Requirements & Specifications

- Function 1: Top Navigation Bar

The top navigation bar to redirect users to the other pages. Before they are logged in, the top navigation bar would consist of pages such as: Menu, Contact, Login and Cart. After logging in, the top navigation bar will consist of pages such as: Menu, Contact, Profile (Indicated by the Hi, Name page) and Cart.

- Function 2: Menu Page

The Menu Page should allow users to browse the menu items, change the quantity of the items they would like to purchase and then use the 'Add to Cart' button to add the items to their cart.

- Function 3: Cart Page

On the Cart Page, users can see the items they added to the cart and the total cost. They can still change the quantities of the items. After checking the cart list, they can then proceed to make payment. They will be redirected to the login page if they are not logged in yet. They will be redirected to the payment page if they are already logged in.

- Function 4: Login Page

Users will be asked to enter their email and password to login. If they do not have an account, they can choose to sign up for an account using the 'Sign Up' button. After they login, the login button on the Top Navigation Bar will be changed to greet the users instead ('Hi, Name').

- Function 5: Sign Up Page

The Sign Up page will allow the users to indicate their First and Last Name, email, phone number, create their account password and reconfirm

their password to make sure that they do not set up their password wrongly. Upon filling up the necessary information, they can press the 'Register' button to register and then return to the Login Page to login. The 'Register' button would only be enabled if all necessary information and a valid email address are filled up.

- **Function 6: Payment Page**

On the Payment Page, their order summary will be shown to the users so that they can check their order items for the last time. On the right side, users will also need to indicate their delivery information, they can do so by choosing the delivery time and date. They also need to include the recipient's name, address, and phone number. Afterwards, they can apply the discount code by typing it in the box available and press the 'Apply' button. They also need to key their credit card information (card number, expiry date and its CVC) to place an order. There is a 'Back' button for users to return to the Cart Page if they want to make changes to their order.

- **Function 7: Profile Page**

There are 2 tabs under the Profile Page. The first tab is 'Account Details'. Users can view their personal information on the profile page. The second tab is 'Order History' for users to view what they ordered previously in case they forget and for them to check their delivery status.

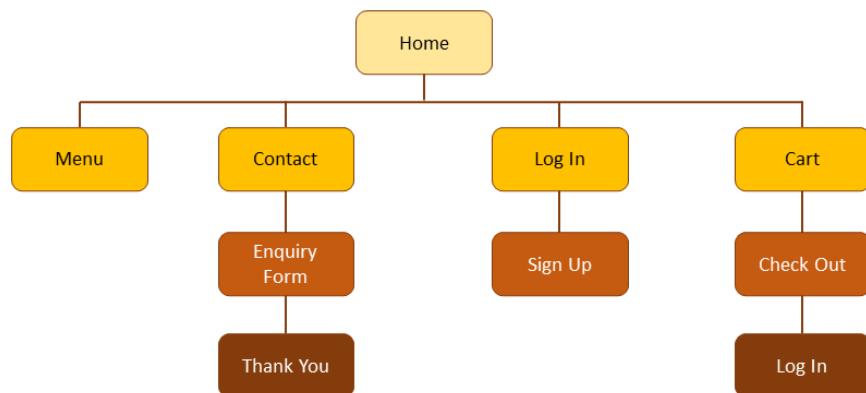
- **Function 8: Contact Page**

Contact Page should allow users to indicate their contact information and their feedback/enquiry in the message box. They can submit the form by pressing the 'Send Message' button. The button would only be enabled if all necessary information and a valid email address are filled up.

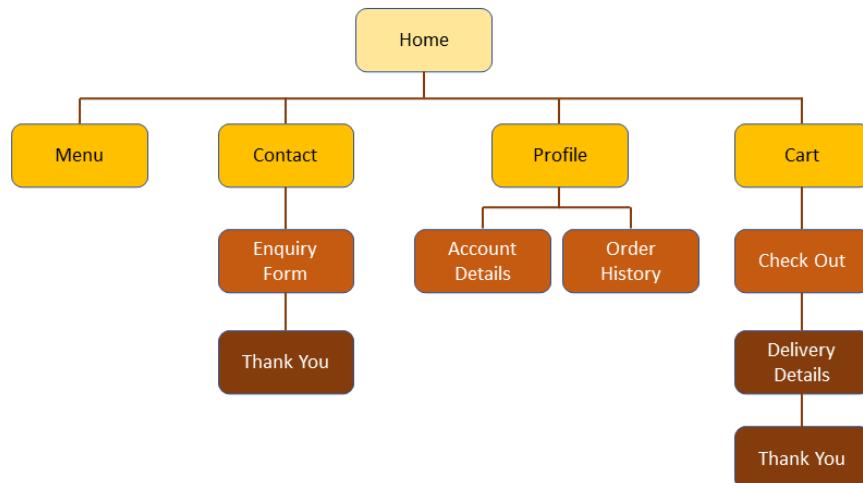
3. Design of Web Application

3.1. Site Maps

User is not logged in

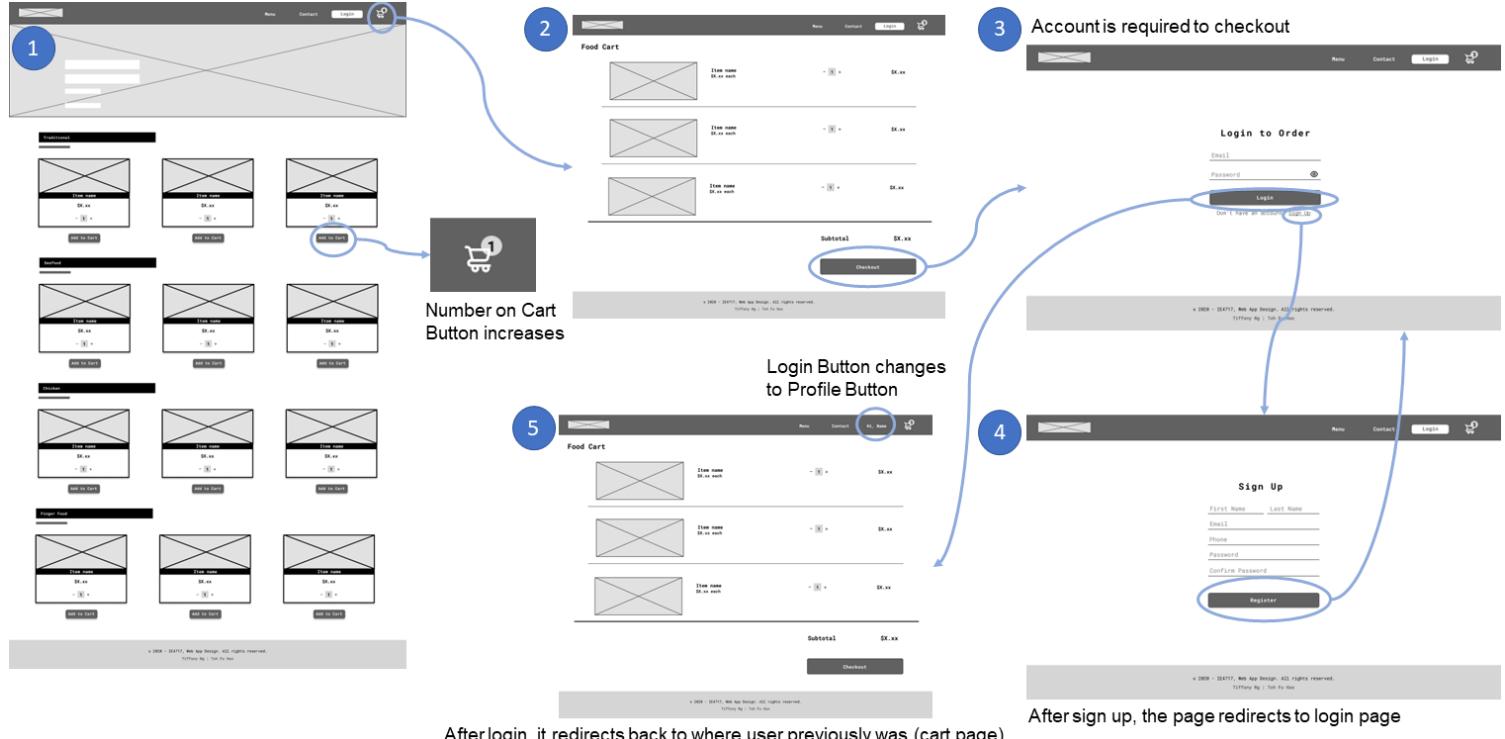


User is logged in



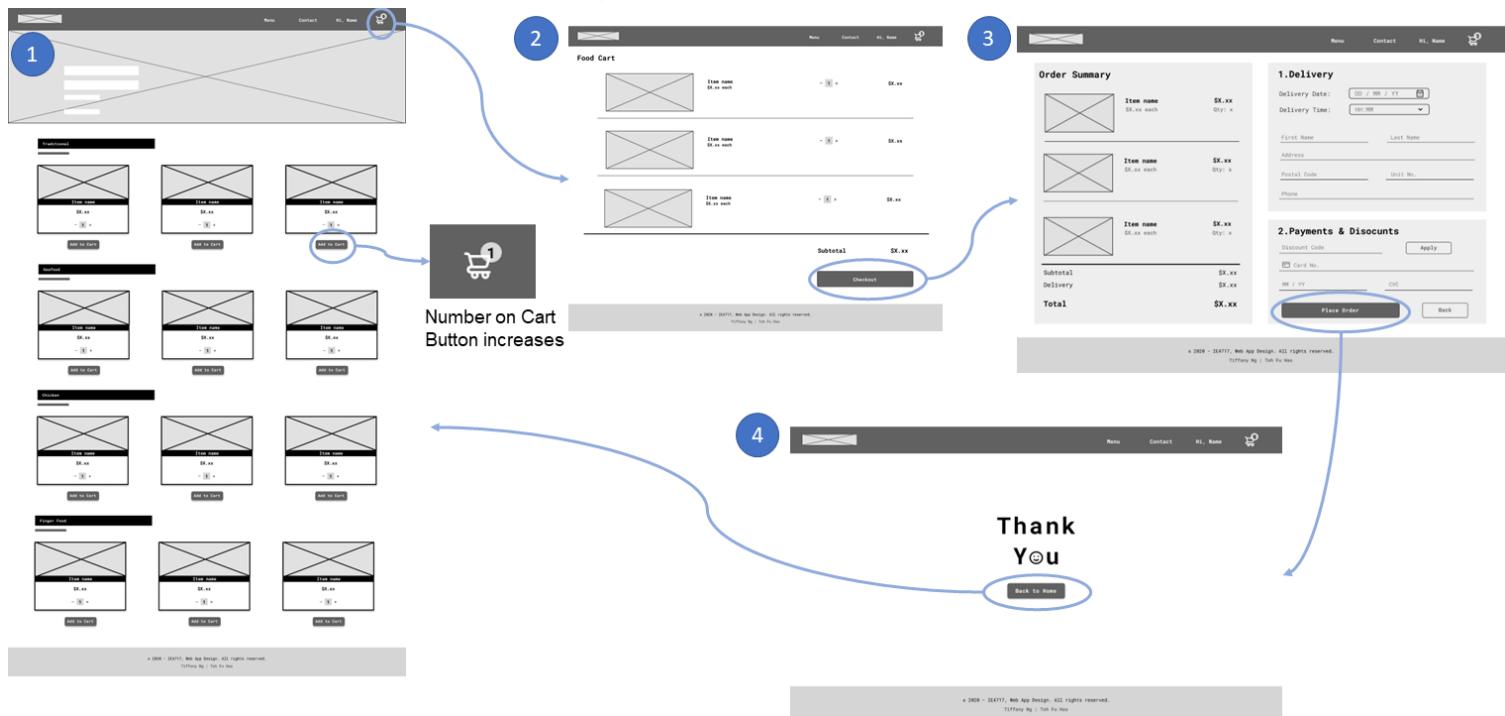
3.2. Storyboards

Scenario 1: “I am ready to order after looking through the menu, but I have not registered for an account”

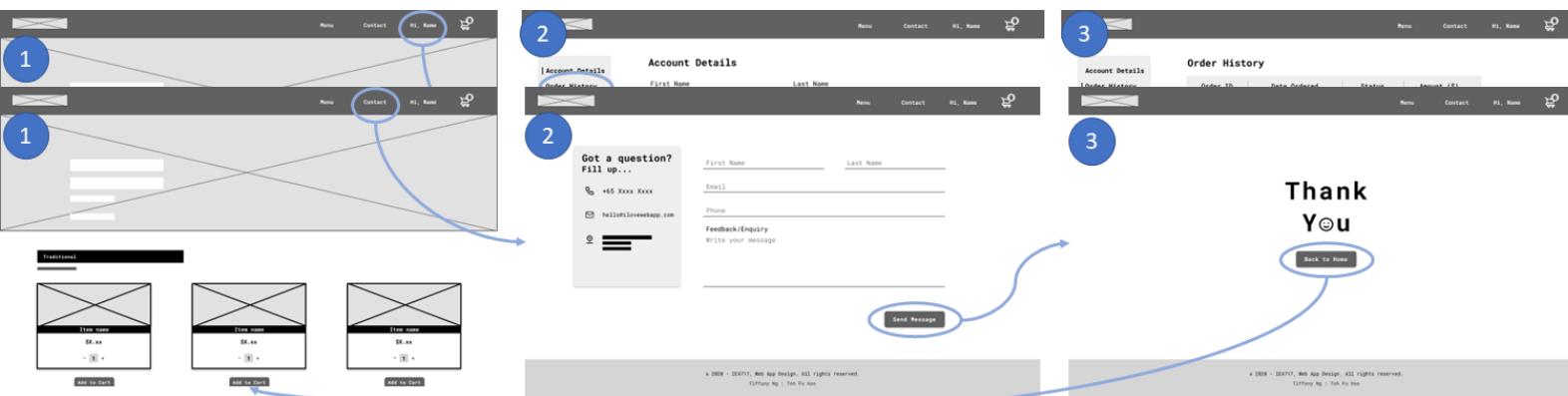


After login, it redirects back to where user previously was (cart page)

Scenario 2: “I am logged in to my account and ready to checkout”



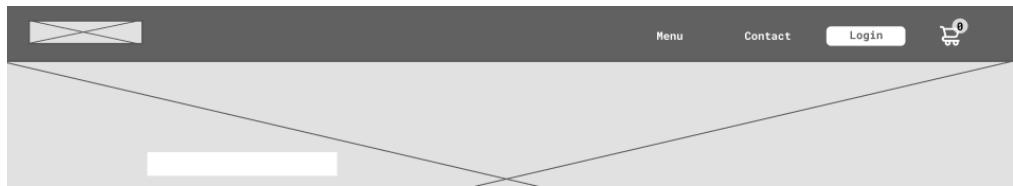
Scenario 3: "I have an account and I want to check my account details and orders"



Scenario 4: "I have enquiry/feedback for the shop"

3.3. Wireframes

Home & Menu Page (before login)



Home & Menu Page (after login)

A detailed wireframe of the Home & Menu Page after logging in. The page is organized into sections for different food categories. Each section contains three items, each with a placeholder image (marked with a large 'X').

The categories and their items are:

- Traditional**:
 - Item name: SX.xx, Quantity: 1, Add to Cart button
 - Item name: SX.xx, Quantity: 1, Add to Cart button
 - Item name: SX.xx, Quantity: 1, Add to Cart button
- Seafood**:
 - Item name: SX.xx, Quantity: 1, Add to Cart button
 - Item name: SX.xx, Quantity: 1, Add to Cart button
 - Item name: SX.xx, Quantity: 1, Add to Cart button
- Chicken**:
 - Item name: SX.xx, Quantity: 1, Add to Cart button
 - Item name: SX.xx, Quantity: 1, Add to Cart button
 - Item name: SX.xx, Quantity: 1, Add to Cart button
- Finger Food**:
 - Item name: SX.xx, Quantity: 1, Add to Cart button
 - Item name: SX.xx, Quantity: 1, Add to Cart button
 - Item name: SX.xx, Quantity: 1, Add to Cart button

At the bottom of the page is a footer bar containing the copyright information: "© 2020 - IE4717, Web App Design. All rights reserved." and "Tiffany Ng | Toh Fu Hao".

Cart Page



Food Cart

	Item name \$X.xx each	- 1 +	\$X.xx
	Item name \$X.xx each	- 1 +	\$X.xx
	Item name \$X.xx each	- 1 +	\$X.xx
		Subtotal	\$X.xx
Checkout			

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Payment Page

	Order Summary	1.Delivery
	Item name \$X.xx each	Delivery Date: <input type="text"/>
	Item name \$X.xx each	Delivery Time: <input type="text"/>
	Item name \$X.xx each	First Name <input type="text"/> Last Name <input type="text"/>
Subtotal	\$X.xx	Address <input type="text"/>
Delivery	\$X.xx	Postal Code <input type="text"/> Unit No. <input type="text"/>
Total	\$X.xx	Phone <input type="text"/>
		2.Payments & Discounts
Discount Code <input type="text"/> <input type="button" value="Apply"/>		
Card No. <input type="text"/>		
MM / YY <input type="text"/> CVC <input type="text"/>		
<input type="button" value="Place Order"/>		<input type="button" value="Back"/>

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Thank You Page (after ordering)



Thank You

[Back to Home](#)

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Login Page



Log in to Order

Email

Password 

[Login](#)

Don't have an account? [Sign Up](#)

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Sign Up Page



Sign Up

First Name _____ Last Name _____
Email _____
Phone _____
Password _____
Confirm Password _____

Register

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Contact Page



**Got a question?
Fill up...**

📞 +65 XXXX XXXX

✉️ hello@ilovewebapp.com

📍 [REDACTED]

First Name _____ Last Name _____
Email _____
Phone _____
Feedback/Enquiry
Write your message

Send Message

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Profile (Account Details) Page



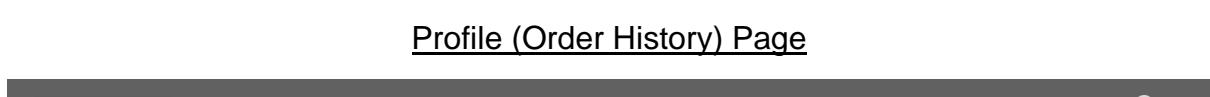
| Account Details
Order History

Account Details

First Name _____ Last Name _____
Email _____
Phone _____

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Profile (Order History) Page

| Account Details
Order History

Order History

Order ID	Date Ordered	Status	Amount (\$)
_____	_____	_____	\$X.xx
_____	_____	_____	\$X.xx
_____	_____	_____	\$X.xx
_____	_____	_____	\$X.xx
_____	_____	_____	\$X.xx

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3.4. Database

The database consists of 4 tables: Members, Orders, Order Item, and Product Sales.

- Table 1: Members

This table contains an ID, email, password, first name, last name, and phone number. Column id is the primary key and is automatically incremented when a new record is added to the table. The password is encrypted in SHA-1 for security reasons.

id	email	password	firstname	lastname	phone
00000	admin	489dd21687e965210e931d5feaa5bb2dd88cba8b			
00001	john@email.com	ebfc7910077770c8340f63cd2dca2ac1f120444f	John	Tan	99998888
00002	jack@email.com	ebfc7910077770c8340f63cd2dca2ac1f120444f	Jack	Lee	81239123
00003	jane@email.com	ebfc7910077770c8340f63cd2dca2ac1f120444f	Jane	Ng	92348234
00004	johnny@suh.com	cc9f816a42431cf852cdc7a3fad42a6f65ffce24	Tiffany	Ng	88116655

Figure: An Example of the Members Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(5)		UNSIGNED ZEROFILL	No	<i>None</i>		AUTO_INCREMENT
2	email	varchar(255)	utf8mb4_general_ci		No	<i>None</i>		
3	password	varchar(50)	utf8mb4_general_ci		No	<i>None</i>		
4	firstname	varchar(50)	utf8mb4_general_ci		No	<i>None</i>		
5	lastname	varchar(50)	utf8mb4_general_ci		No	<i>None</i>		
6	phone	varchar(8)	utf8mb4_general_ci		No	<i>None</i>		

Figure: Members Table Structure

- Table 2: Orders

This table contains the ID, member ID, grand total, delivery time, delivery total, address, and status. The foreign key is the member ID, which is the primary key from the member table. This table stores information on all the orders made by customers. The column ‘created’ stores the date that the order was made in ‘YYYY-MM-DD HH:MM:SS’. The column ‘delivery_date’ is the delivery date that the user selected via the date picker when checking out, and the column ‘delivery_time’ is the delivery time slot the user picked from the delivery drop down menu on the Checkout page. The column ‘status’ shows the state of the order ('Confirmed' is where the customer made the payment and the admin received the order, 'Out for Delivery' is when the

order is made and on its way to the delivery address within the delivery timeframe, 'Delivered' is when the order is sent to the customer).

id	member_id	grand_total	created	delivery_date	delivery_time	address	status
00001	00001	12.70	2022-10-01 20:45:38	2022-10-02	12pm to 3pm	Blk 609 Bukit Panjang Street #15-902 S(670609)	Delivered
00002	00002	7.10	2022-10-03 20:53:00	2022-10-04	3pm to 6pm	Blk 812 Choa Chu Kang Ave 7 #12-637 S(681812)	Delivered
00003	00003	12.80	2022-10-04 20:54:39	2022-10-06	9am to 12pm	50 Nanyang Ave #B3-08 S(639798)	Delivered
00004	00001	6.00	2022-10-06 20:56:24	2022-10-07	12pm to 3pm	Blk 609 Bukit Panjang Street #15-902 S(670609)	Delivered
00005	00002	12.70	2022-11-10 20:57:36	2022-10-11	6pm to 9pm	Blk 812 Choa Chu Kang Ave 7 #12-637 S(681812)	Delivered

Figure: An Example of the Orders Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🍔	int(5)		UNSIGNED ZEROFILL	No	<i>None</i>		AUTO_INCREMENT
2	member_id 💳	int(5)		UNSIGNED ZEROFILL	No	<i>None</i>		
3	grand_total	double(6,2)			No	<i>None</i>		
4	created	datetime			No	<i>None</i>		
5	delivery_date	varchar(50)	utf8mb4_general_ci		No	<i>None</i>		
6	delivery_time	varchar(50)	utf8mb4_general_ci		No	<i>None</i>		
7	address	varchar(255)	utf8mb4_general_ci		No	<i>None</i>		
8	status	enum('Confirmed', 'Out for Delivery', 'Delivered')	utf8mb4_general_ci		No	Confirmed		

Figure: Orders Table Structure

- **Table 3: Order Items**

This table contains ID, order ID, name, price, quantity, and total price. ID is the primary key and is automatically incremented when a new record is added to the table. This table is inserted with 36 items / 12 different orders for presentation purposes. It also serves as a linking table between the Orders and Menu tables. Column 'quantity' stores the amount of each item ordered. Column 'order_id' stores the id of the order that the item belongs to. When a new order is added, the order table is updated first, to extract the new 'order_id' as the input for new records in this table.

id	order_id	name	price	quantity	total_price
1	00001	Curry O'Puff	2.90	1	2.90
2	00001	Tuna O'Puff	2.90	1	2.90
3	00001	Mushroom O'Puff	2.90	1	2.90
4	00002	Chocolate O'Roll	2.10	1	2.10
5	00002	Sugar O'Roll	2.30	1	2.30

Figure: An Example of the Order Items Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	<code>id</code> 🍔	int(10)		UNSIGNED	No	<i>None</i>		AUTO_INCREMENT
2	<code>order_id</code> 🍔	int(5)		UNSIGNED ZEROFILL	No	<i>None</i>		
3	<code>name</code>	varchar(50)	utf8mb4_general_ci		No	<i>None</i>		
4	<code>price</code>	double(6,2)			No	<i>None</i>		
5	<code>quantity</code>	int(10)		UNSIGNED	Yes	<i>NULL</i>		
6	<code>total_price</code>	double(6,2)			No	<i>None</i>		

Figure: Order Items Table Structure

- Table 4: Product Sales

This table contains ID, name, category, price, quantity, and total price. ID is the primary key and is automatically incremented when a new record is added to the table. Column ‘price’ reflects the item’s current price. Column ‘quantity’ reflects the number of that specific item sold. Column ‘total_price’ is the revenue made from that item.

id	name	category	price	quantity	total_price
1	Curry O'Puff	O' Traditional	2.90	3	8.70
2	Tuna O'Puff	O' Traditional	2.90	5	14.50
3	Mushroom O'Puff	O' Traditional	2.90	3	8.70
4	Chocolate O'Roll	O' Roll	2.10	3	6.30
5	Sugar O'Roll	O' Roll	2.30	4	9.20

Figure: An Example of the Product Sales Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 	int(10)		UNSIGNED	No	<i>None</i>		AUTO_INCREMENT
2	name	varchar(50)	utf8mb4_general_ci		No	<i>None</i>		
3	category	varchar(50)	utf8mb4_general_ci		No	<i>None</i>		
4	price	double(6,2)			No	<i>None</i>		
5	quantity	int(10)		UNSIGNED	Yes	<i>NULL</i>		
6	total_price	double(6,2)			No	<i>None</i>		

Figure: Product Sales Table Structure

3.5. Web Application Testing Plan

Test 1: Menu page

- Test if the user can add a negative quantity to their cart.
- Test if the number in the top-right corner increases after the item is added to the cart.

Test 2: Cart Page

- Test if the user can change the quantities of the items.
- Test if the user can remove items.
- Test if an alert is shown to the user when he/she is not logged in and wants to checkout.
- Test if the user can checkout when they are logged in.

Test 3: Sign Up Page

- Test if the user can sign up when they have not filled in all the columns.
- Test if an alert pops up when the user does not key in their email/phone number in the correct format.
- When users type in their new password, see if pop-ups appear to show them if they met the password requirements, and if the crosses turn into ticks when their password meets that specific requirement.
- Test if the user can sign up when their password does not meet the password requirements.
- Test if the user can sign up with an email that is already used.
- Test if the user can sign up when the ‘Password’ and ‘Repeat Password’ do not match each other.
- Information about the new users will be saved in the members table in the phpMyAdmin database.

Test 4: Login Page

- Test if the user can log in with the wrong email / password and if the alert box will appear to tell them that it is an invalid email / password.
- Test if the user can log in with the correct email and password.

Test 5: Checkout Page

- Test if the First Name, Last Name and Phone Number shown on the page are the same as what the user used when they signed up for an account.
- Test if alert pop up when user do not key in their Postal Code / Unit / Credit Card Number / Expiry Date / CVV in the correct format
- Test if the user can pick a delivery date from today or from the past.
- Test if the discount is applied when the correct discount code ("FREEDELIVERY") is typed in.
- Test if the user can place an order if any of the columns marked with an asterisk (*) is left blank.
- Test if the user can place an order when the information they indicate is not in the correct format.
- Test if an email is sent to the user upon successfully placing an order.
- Order will save in the order_items and orders phpMyAdmin database tables.

Test 6: Profile Page

- Test if the information displayed on the Account Details and Order History is correct.
- Test if the Order History is updated when a new order is placed / when the order status is updated.

Test 7: Contact Page

- Test if the user can submit the form when the First Name / Email / Message field is empty.
- Test if an alert appears when user does not enter their email in the correct format.
- Test if the user can submit the form when their email is in the wrong format.
- Test if an email with the relevant details is sent to the admin after the user successfully submits the form.

Test 8: Admin - Update Order Status Page

- Test if the latest order placed is at the top of the table.
- Test if admin can update the status from 'Confirmed' to 'Out for Delivery' to 'Delivered'.

Test 9: Admin - Update Menu Prices Page

- Test if admin can change the price of each menu item and if the change is reflected on the Menu page.

Test 10: Admin - Sales Report Page

- Test if the products in the Best Selling Products table is sorted in descending order (with respect to the total sales).

- Test if the categories in the Best Selling Categories table is sorted in descending order (with respect to the total sales).

4. Implementation

4.1. General structure of the source code

The source code of the project is organised in the following structure:

```

    ↘ IE4717-WEB-APP
        ↘ css
            > images
            # style-account.css
            # style-cart.css
            # style-checkout.css
            # style-contact.css
            # style-history.css
            # style-login.css
            # style-menu.css
            # style-price-update.css
            # style-signup.css
            # style-thankyou.css
        ↘ javascript
            JS cart.js
            JS checkout.js
            JS contact.js
            JS signup.js
            🐑 account.php
            🐑 cart.php
            🐑 checkout.php
            🐑 contact.php
            🐑 history.php
            🐑 login.php
            🐑 menu.php
            📜 o_delicious_snacks.sql
            🐑 order.php
            🐑 price_update.php
            🐑 reports.php
            🐑 signup.php
            🐑 update_orders.php

```

Figure: General structure

The ‘css’ folder contains all the CSS files and the image folder where all the images are stored. There is a css file for each php file, except the style-price-update.css which is used for the admin pages (update_orders.php, price_update.php and reports.php). The ‘javascript’ folder contains all the JavaScript files for input validations.

4.2. Coding of website template

The color theme of all the pages are mainly, yellow, orange, brown black and white. The navigation bar and footer are coded first.

For the navigation bar, the logo image is also a link, which will redirect users to the menu page on the left. On the right, are the links to the other pages. The current page that the user is on is highlighted by the white words instead of black; this is due to the class= "active". When users hover their cursor over the words, they will turn brown. Initially, the number of items in the cart is 0, and it will increase as the user adds items to the cart via “\$_SESSION[“totalQty”]”. Login will be shown on the navigation bar before the user is logged in; it will then change to ‘Hi,Name’ when the user is logged in.

```
<!-- Navigation bar -->
<header class="header">
    <!-- Logo -->
    <a href="menu.php" class="logo">
        
    </a>
    <!-- Hamburger icon -->
    <input class="side-menu" type="checkbox" id="side-menu"/>
    <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
    <!-- Menu -->
    <nav class="nav">
        <ul class="menu">
            <li><a class="active" href="menu.php">Menu</a></li>
            <li><a href="contact.php">Contact</a></li>
            <?php
                if (isset($_SESSION['valid_user'])) {
                    echo "<li><a href='account.php'>Hi, ". $_user['firstname']. "</a></li>";
                } else {
                    echo "<li><a href='login.php'>Login</a></li>";
                }
            ?>
            <li><a href="cart.php" class="cart">#128722;&#xe0e;</a><span class="cart-total-quantity"><?php echo $_SESSION['totalQty']; ?></span></li>
        </ul>
    </nav>
</header>
```

Figure: Screenshot of the Navigation Bar HTML and PHP code

```
session_start();
if (!isset($_SESSION['cart'])){
    $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0", "mango"=>"0",
    "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0", "chocolate"=>"0");
    $_SESSION['totalQty'] = "0";
}
```

Figure: Screenshot of how the total cart quantity is calculated in PHP



Figure: Navigation Bar before user log in and no item is added to cart



Figure: Navigation Bar after user log in and item is added to cart

The footer is a simple copyright statement and is at the bottom of all the pages.



Figure: Footer

4.3. Menu Page (menu.php)

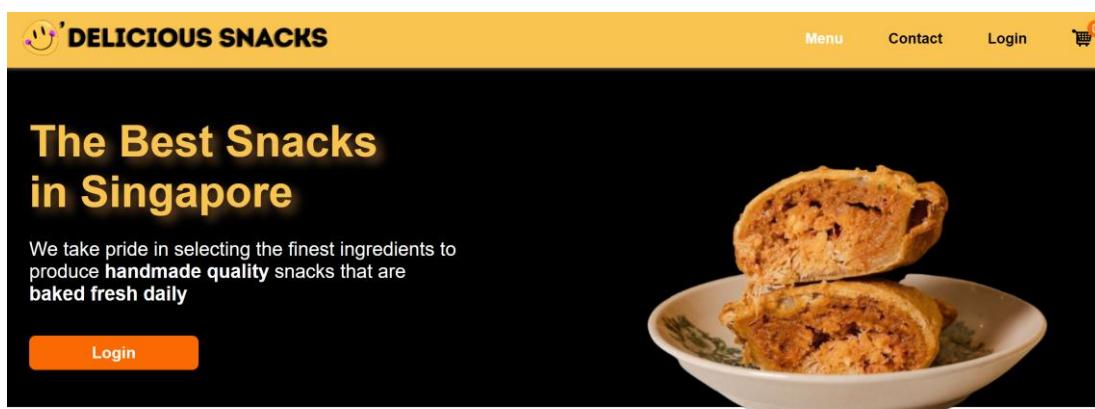
Before user is logged in, there will be a login button on the page banner for users to be redirected to the login page. The login button will disappear after user is logged in. This is done through checking if there is a “\$_SESSION[‘valid_user’]”, which is only set when the user is logged in.

```
<?php
if (!isset($_SESSION['valid_user'])) {
echo "<button onclick=\"window.location.href='login.php'\";><span>Login</span></button>";
}
?>
```

Figure: Screenshot of the Page Banner PHP code

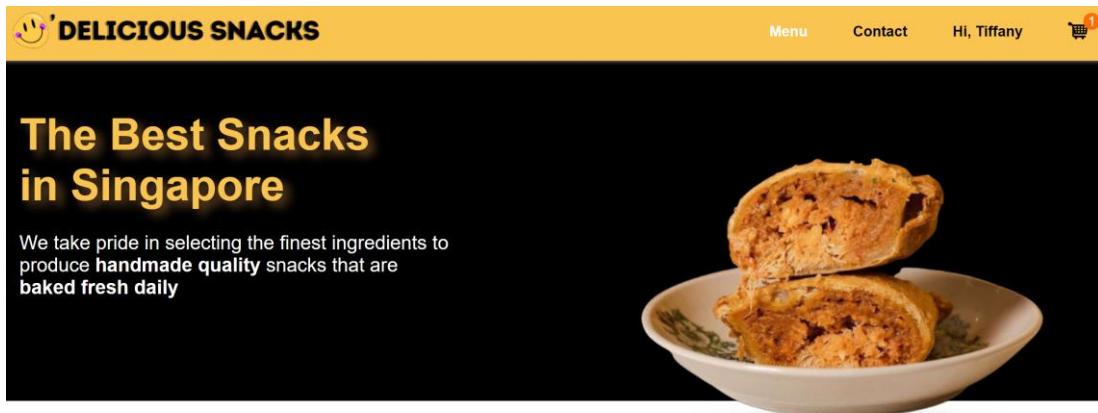
```
if (isset($_SESSION['valid_user'])) {
$sql = "SELECT * FROM members WHERE email='".$_SESSION['valid_user']."'";
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info". mysqli_error($conn); }
$user = $result->fetch_assoc();
}
```

Figure: Screenshot of the PHP code to retrieve user account details



O' Traditional

Figure: Login button on the banner before user login



O' Traditional

Figure: Login button not on the banner after user login

The price of each item is retrieved from the database table via “\$prices[index][“price”]”. There is a form with a post method to menu.php for each item, so that they can be added to the cart individually. Users are also unable to indicate negative number for the quantity of each menu item due to the “min=0”.

```
<form id="curry" method="post" action="menu.php">
  <div class="card">
    
    <h2 class="shop-item-title">Curry O'Puff</h2>
    <p class="shop-item-price">$<?php echo $prices[0][“price”]; ?></p>
    <div class="counter">
      <input name="curry" type="number" value="0" min="0" max="99">
    </div>
    <br>
    <p class="add"><input class="shop-item-button" type="submit" name="submit_curry" value="Add To Cart"></p>
  </form>
```

Figure: Screenshot of 1 menu item’s HTML and PHP code

```
$sql = "SELECT price FROM product_sales ORDER BY id";
if (!$result = mysqli_query($conn, $sql)) {
  echo "Failed to retrieve prices". mysqli_error($conn); }
$prices = array();
while ($row = $result->fetch_assoc()){
  $prices[] = $row;
}
```

Figure: Screenshot of how price is fetched

4.4. Cart Page (cart.php)

When the user clicks on the cart button on the navigation bar, he / she will be redirected to the Cart Page, where all the items in the cart are displayed if any.

Firstly, a foreach will check if the cart is empty. An empty cart page will be displayed if the ‘\$emptycount’ flag equals to the total number of products in the menu.

```

<?php
$emptycount = 0;
foreach ($_SESSION['cart'] as $product => $qty) {
    if (empty($_SESSION['cart'][$product])) {
        $emptycount++;
    }
}

if ($emptycount==12) {
    echo "<section class='empty-cart'>";
    echo "<h2 class='section-header' style='text-align: center;'>Empty Cart</h2><br>";
    echo "<h2 style='text-align: center;'>Return to <a href='menu.php'>Menu page</a></h2>";
    echo "</section>";
}

```

Figure: Screenshot of PHP code for Empty Cart

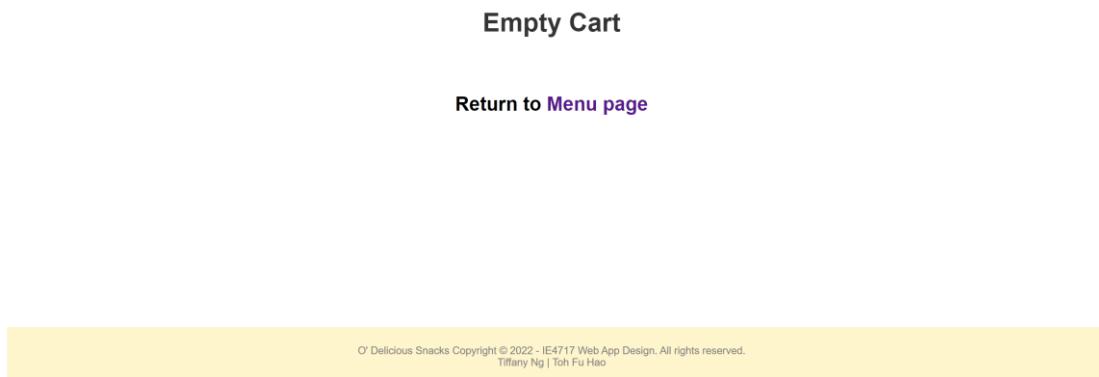


Figure: Empty Cart page

When the cart is not empty, the cart item's image, name and price will be displayed. Users still can change the quantity of the item on the page, the value will be passed to cart.js and converted to a number via "Number()". The total price for each specific menu item is calculated by the "Calculate()" in JavaScript where the quantity of that specific menu item is multiplied by its price. The total cart price is calculated by summing up all the total price for each menu item.

```

var curryTotal = Number(document.getElementById("curryTotal").textContent);
var tunaTotal = Number(document.getElementById("tunaTotal").textContent);
var mushroomTotal = Number(document.getElementById("mushroomTotal").textContent);

```

Figure: Example of how the quantity value is converted to number in cart.js

```

function curryCalculate(){
    var curryQty = Number(document.getElementById("curryQty").value);
    var curry = Number(document.getElementById("curryPrice").textContent);

    curryTotal = curryQty * curry;
    document.getElementById("curryTotalfinal").innerHTML = "$" + curryTotal.toFixed(2);

    totalPrice = curryTotal + tunaTotal + mushroomTotal +
        crollTotal + sugarTotal + mangoTotal +
        butterTotal + marbleTotal + bananaTotal +
        custardTotal + almondTotal + chocolateTotal;
    document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

```

Figure: Example of how total price for curry puff and total cart price is calculated

```

} else {
echo "<section class='container content-section'>";
echo "<form method='post' action='checkout.php'>";
echo "<h2 class='section-header'>FOOD CART</h2>";
echo "<div class='cart-items'>";
$index = 0;
$totalPrice = 0;
foreach ($_SESSION['cart'] as $product => $qty) {
    if (!empty($_SESSION['cart'][$product])) {
        echo "<div class='cart-row'>";
        echo "<div class='cart-item cart-column'>";
        echo "<img class='cart-item-image' src='css/images/".$product.".jpg' width='100' height='100'>";
        echo "<div class='cart-item-detail'>";
        echo "<span class='cart-item-title'>".$prices[$index]['name']."</span>";
        echo "<span class='cart-price-each'>$".$prices[$index]['price']."' each</span>";
        echo "</div></div>";
        echo "<div class='cart-quantity cart-column'>";
        echo "<div class='counter'>";
        echo "<input type='number' id='".$product."Qty' onchange='".$product."Calculate() name='".$product."'
value='".$qty."' min='1' max='99'>";
        echo "</div></div>";

        // Pass product total price to Javascript
        echo "<div id='".$product."Total' style='display: none;'>";
        echo htmlspecialchars($qty*$prices[$index]['price']);
        echo "</div>";

        echo "<div class='cart-price cart-column'>";
        echo "<span id='".$product."Totalfinal'>".number_format($qty*$prices[$index]['price'],2)."</span></div>";
        echo "<div class='cart-remove cart-column'>";

        // Remove product from cart
        echo "<a href='cart.php?remove=".$product."&yes' class='btn-remove'>REMOVE</a>";
        echo "</div></div>";

        $totalPrice+=$qty*$prices[$index]['price'];
        $index++;
    }
}

```

Figure: Screenshot of PHP when cart is not empty



FOOD CART

	Tuna O'Puff \$2.90 each	2	\$5.80	REMOVE
	Custard Puff \$1.80 each	3	\$5.40	REMOVE
	Chocolate Eclair Slice \$2.20 each	1	\$2.20	REMOVE
Subtotal \$13.40				
CHECKOUT				

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Tiffany Ng | Toh Fu Hao

Figure: Cart page with items

Users can remove the item by clicking on the ‘remove’ button. The menu item’s quantity will be set back to 0 and the cart number will decrease too.

```
// Check if remove button is set
foreach ($products as $product) {
    if (isset($_GET["remove".$product])) {
        $_SESSION['totalQty'] = $_SESSION['totalQty'] - $_SESSION['cart'][$product];
        $_SESSION['cart'][$product] = "0";
        header('location: ' . $_SERVER['PHP_SELF']);
        exit();
    }
}
```

Figure: Remove Item PHP code

4.5. Checkout Page (checkout.php)

User will only be able to access the checkout page if they are logged in. “\$_SESSION[‘valid_user’]” variable is set when the user is logged in. If user is not logged in they will be redirected to the login.php via “window.location.href”.

```
if (isset($_SESSION['valid_user'])) {
    $sql = "SELECT * FROM members WHERE email='".$_SESSION['valid_user']."' ";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info". mysqli_error($conn); }
    $user = $result->fetch_assoc();
} else {
    echo "<script>alert('Please log in to checkout!'); window.location.href='login.php';</script>";
}
```

Figure: PHP checks if user is logged in

This page will update the items added or removed from the cart.php page when user presses the checkout button.

```

$_SESSION["totalQty"] = "0";
foreach ($products as $product) {
    if (isset($_POST[$product])) {
        $_SESSION['cart'][$product] = $_POST[$product];
        header('location: ' . $_SERVER['PHP_SELF']);
    }
    $_SESSION["totalQty"] += $_SESSION['cart'][$product];
}

```

Figure: PHP checks and updates product quantity in cart

On top of retrieving the product quantities and displaying them like the previous cart.php, the checkout form will populate the user account details such as name and phone from the database.

```

<label for="firstName">First Name</label>
<input type="text" id="firstName" name="firstName" value="php echo $user['firstname'];?" readonly="readonly">
</div>
<div class="col-4"></div>
<div class="col-50">
    <label for="lastName">Last Name</label>
    <input type="text" id="lastName" name="lastName" value="php echo $user['lastname'];?" readonly="readonly">

```

Figure: PHP populates user's full name

1. Delivery

Choose a Delivery Date*:

Choose a Delivery Time Slot*:

First Name

Last Name

Address*

Postal Code*

Unit No.*

Contact Number

Figure: User full name and number are populated from the database

Input validation of the checkout form is done via Javascript functions. Some of these functions include validateDate(), validatePostal(), validateFloor() to check if the date or address inputs are valid. The functions are called when the input fields are changed via the 'onchange' event.

```

<div class="col-50">
| <input type="date" name="date" id="date" value="" onchange="validateDate()" required/>
</div>
</div>

```

Figure: Input field containing validateDate() function

```

<label for="address">Address*</label>
<input type="text" id="address" name="address" placeholder="50 Nanyang Ave" required maxlength="50" >
<div class="row">
<div class="col-50">
| <label for="postal">Postal Code*</label>
| <input type="text" id="postal" name="postal" placeholder="639798" onchange="validatePostal()" required>
</div>
<div class="col-4"></div>
<div class="col-50">
| <label for="unit">Unit No.*</label>
#<input type="text" id="floor" name="floor" placeholder="B2" required style="width: 30%; margin: 0px 10px;" onchange="validateFloor()">
-<input type="text" id="unit" name="unit" placeholder="118" required style="width: 50%; margin-left: 10px;" onchange="validateUnit()">
</div>
</div>

```

Figure: Address input field containing validation functions

```

function validateDate(){
    var date = new Date (document.getElementById('date').value);
    var today = new Date();

    if(date > today){
        return true;
    } else {
        alert("Delivery date cannot be from today or the past, please pick a future date.");
        document.getElementById('date').value = '';
    }
}

function validatePostal(){
    var postal = document.getElementById('postal').value;
    var checkpostal = /^d{6}$/;

    if(checkpostal.test(postal)){
        return true;
    } else {
        alert("The postal code you entered (" + postal +
        ") is not valid. Please enter a valid 6 number digits Postal Code.");
    }
}

function validateFloor(){
    var floor = document.getElementById('floor').value;
    var checkfloor = /\w{1,3}\$/;

    if(checkfloor.test(floor)){
        return true;
    } else {
        alert("The Floor you entered (" + floor +
        ") is not valid. Floor should contain 1 to 3 letter or numbers.");
    }
}

```

Figure: Some Javascript codes that validate the checkout form inputs

The checkout form can also accept valid discount code for free delivery. When the correct code is input, the form will confirm with the user and deduct the delivery fee from the total.

```

<label>Discount Code</label>
<input type="text" id="discountcode" name="discountcode" placeholder="Got any discount code?" onchange="validateDiscount()">

```

Figure: Input field to check discount code

```

function validateDiscount(){
    var discountcode = document.getElementById('discountcode').value;
    var initialtotal = Number(document.getElementById('checkout-subtotal').textContent);

    if(discountcode == "FREEDELIVERY" || discountcode == "freedelivery" ){
        document.getElementById("discount").style.display = "block";
        document.getElementById("discountP").style.display = "block";
        alert("Discount applied!");

        document.getElementById('checkout-total').innerHTML = initialtotal.toFixed(2);
    } else {
        document.getElementById("discount").style.display = "none";
        document.getElementById("discountP").style.display = "none";
        alert("The Discount Code you entered (" + discountcode +
        ") is not valid. Please try again.");
    }

    finaltotal = initialtotal + 4;

    document.getElementById('checkout-total').innerHTML = finaltotal.toFixed(2);
}

```

Figure: Javascript code to validate discount code

```

echo "<td class='total-left subtotal-title'>Subtotal</td>";
echo "<td class='total-right subtotal-title'>$<span id='checkout-subtotal'>".number_format($totalPrice,2). "</span></td>";
echo "</tr>";
echo "<tr>";
echo "<td class='total-left subtotal-title'>Delivery</td>";
echo "<td class='total-right subtotal-title'>$4.00</td>";
echo "</tr>";
echo "<tr>";
echo "<td class='total-left subtotal-title' id='discount' style='display: none;'>Discount</td>";
echo "<td class='total-right subtotal-title' id='discountP' style='display: none;'>-$4.00</td>";
echo "</tr>";
echo "<tr>";
echo "<td class='total-left total-title'>Total</td>";
echo "<td class='total-right checkout-total'>$<span id='checkout-total'>".number_format($totalPrice+4,2). "</span></td>";

```

Figure: PHP code to display discount

Order Summary		
	Tuna O'Puff 2.90 each	\$8.70
	Chocolate O'Roll 2.10 each	\$4.20
	Chocolate Eclair Slice 2.20 each	\$2.20
Subtotal		\$15.10
Delivery		\$4.00
Discount		-\$4.00
Total		\$15.10

1. Delivery

Choose a Delivery Date*:

Choose a Delivery Time Slot*:

First Name:

Last Name:

Address*:

Postal Code*: Unit No.*:

Contact Number:

2. Payments & Discounts

Discount Code:

Name on Card*:

Credit Card Number*:

Figure: Checkout form with discount code applied

4.6. Order Page (order.php)

After user has placed their order, a new record will be inserted into the orders table containing the member's details, total price, and delivery details.

The order id from this new order will be retrieved to be inserted into other tables, order_items and product sales to store and update the individual products sold. This is achieved through a foreach loop to check the products in the cart that are set.

```
$sql = "INSERT INTO orders (member_id, grand_total, created, delivery_date, delivery_time, address) VALUES ('$member_id', '$grand_total', '$created', '$date', '$time', '$address')";  
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to insert order". mysqli_error($conn); }  
  
// Retrieve order_id  
$sql = "SELECT id FROM orders WHERE created = '$created'";  
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info". mysqli_error($conn); }  
$order = $result->fetch_assoc();  
$order_id = $order['id'];  
  
// Insert each product sale into order_items & Update product_sales  
$index = 0;  
foreach ($_SESSION['cart'] as $product => $qty) {  
    if (!empty($_SESSION['cart'][$product])) {  
        $product_name = $prices[$index]['name'];  
        $product_price = $prices[$index]['price'];  
        $product_total = $qty*$prices[$index]['price'];  
  
        $sql = "INSERT INTO order_items (order_id, name, price, quantity, total_price) VALUES ($order_id, \"$product_name\", $product_price, $qty, $product_total)";  
        if (!$result = mysqli_query($conn, $sql)) { echo "Failed to insert order". mysqli_error($conn); }  
  
        $sql = "UPDATE product_sales SET quantity = quantity + $qty, total_price = total_price + $product_total WHERE id = $index + 1";  
        if (!$result = mysqli_query($conn, $sql)) { echo "Failed to insert order". mysqli_error($conn); }  
  
        $index++;  
    } else {  
        $index++;  
    }  
}  
}
```

Figure: PHP codes to insert and update database tables

An email confirmation will be sent to the localhost@f32ee email to simulate the actual process. The headers and email content will be personalised according to the inputs of the checkout form.

```
// Send email confirmation  
$to      = 'f32ee@localhost';  
$subject = 'Order Confirmed';  
$message = 'Dear Customer,' . "\r\n\r\n" . 'Your order (ID: '.$order_id.') has been confirmed. It will reach you on '.$date.',  
' . '$time' . '.' . "\r\n\r\n" . 'Thank you!' . "\r\n\r\n" . 'Best Regards,' . "\r\n\r\n" . 'O\' Delicious Snacks';  
$headers = 'From: orders@odelicioussnack.com' . "\r\n";  
'Reply-To: ' . $_SESSION['valid_user'] . "\r\n";  
'X-Mailer: PHP/' . phpversion();  
  
mail($to, $subject, $message, $headers, '-ff32ee@localhost');
```

Figure: PHP codes to send confirmation email

From orders@odelicioussnack.com @
To Me <f32ee@localhost> ⓘ
Reply to ngdanyi@gmail.com ⓘ
Subject Order Confirmed

Dear Customer,

Your order (ID: 00013) has been confirmed. It will reach you on 2022-11-12, 6pm to 9pm.

Thank you!

Best Regards,
O' Delicious Snacks

Figure: Example of confirmation email

4.7. Login Page (login.php)

A simple log in page is created to verify user accounts. After user inputs their email and password and clicks the log in button, the pages refreshes and checks if the email and password match the members database.

This page will produce 3 outcomes:

1. If user is a member, they will be redirected to menu.php
2. If user is an admin, they will be redirected to the admin portal
3. If user inputs do not match, an error message will surface

```
if (isset($_POST['email']) && isset($_POST['password'])) {  
  
    $email = trim($_POST['email']);  
    $password = sha1(trim($_POST['password']));  
    $sql = "SELECT * FROM members WHERE email='$email' AND password='$password'";  
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info". mysqli_error($conn); }  
  
    if ($result->num_rows >0) {  
        if ($_POST['email'] == 'admin') {  
            $_SESSION['valid_user'] = $email;  
            header('location: update_orders.php');  
            exit();  
        }  
        $_SESSION['valid_user'] = $email;  
        header('location: menu.php');  
        exit();  
    } else {  
        echo "<div id='login-error-msg-holder'>  
              <p id='login-error-msg'>Invalid email and/or password</span></p>  
            </div>";  
    }  
}
```

Figure: PHP codes to verify user account

Login to Order

Invalid email and/or password

Email

Password

Don't have an account? [Sign Up](#)

[Login](#)

Figure: Login page with invalid inputs

4.8. Sign Up Page (signup.php)

This page is for new users to sign up for an account to order from the shop. This page contains a form that validates user input as well. Like the checkout form, the inputs are validated when input fields are changed via the ‘onchange’ event.

When the user enters a password, a prompt will be displayed to ensure that the user’s password is in the required format. The requirements will turn green once the Javascript validation is satisfied.

```
<div class="row field">
  <label for="psw">Password</label>
  <input type="password" id="psw" name="psw" pattern="(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}" title="Must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters" required>
</div>
<div id="message">
  <h3>Password must contain the following:</h3>
  <p id="letter" class="invalid">A <b>lowercase</b> letter</p>
  <p id="capital" class="invalid">A <b>capital (uppercase)</b> letter</p>
  <p id="number" class="invalid">A <b>number</b></p>
  <p id="length" class="invalid">Minimum <b>8</b> characters</p>
</div>
<div class="row field">
  <label for="psw-repeat">Repeat Password</label>
  <input type="password" name="psw-repeat" id="psw-repeat" required>
</div>
```

Figure: HTML codes for password validation

```
// When the user clicks on the password field, show the message box
myInput.onfocus = function() {
  document.getElementById("message").style.display = "block";
}

// When the user clicks outside of the password field, hide the message box
myInput.onblur = function() {
  document.getElementById("message").style.display = "none";
}

// When the user starts to type something inside the password field
//onkeyup: Execute a JavaScript when a user releases a key
myInput.onkeyup = function() {
  // Validate lowercase letters
  //The "g" modifier specifies a global match.
  //A global match finds all matches (compared to only the first)
  var lowerCaseLetters = /[a-z]/g;
  if(myInput.value.match(lowerCaseLetters)) {
    letter.classList.remove("invalid");
    letter.classList.add("valid");
  } else {
    letter.classList.remove("valid");
    letter.classList.add("invalid");
  }

  // Validate capital letters
  var upperCaseLetters = /[A-Z]/g;
  if(myInput.value.match(upperCaseLetters)) {
    capital.classList.remove("invalid");
    capital.classList.add("valid");
  } else {
    capital.classList.remove("valid");
    capital.classList.add("invalid");
  }
}
```

Figure: Snippet of the Javascript codes for password validation

Sign Up for an Account

Please fill every field in this form to create an account.

First Name	Last Name
<input type="text" value="TOH"/>	<input type="text" value="FU HAO"/>
Email	
<input type="text" value="josephtohfh@gmail.com"/>	
Contact Number	
<input type="text" value="82987955"/>	
Password	
<input type="password" value="..."/>	

Password must contain the following:

- ✓ A lowercase letter
- ✓ A capital (uppercase) letter
- ✗ A number
- ✗ Minimum 8 characters

Repeat Password

Figure: Sign up form with password validation

After the user have input the form, the page first check if the email exists in the database. Users cannot create more than 1 account with the same email.

The trim() function ensures that the no whitespaces are registered on both ends of each field.

Once the user enters a new email, the account details are accepted and inserted into the members database.

```
if (isset($_POST['email'])) {
    $email = trim($_POST['email']);

    $sql = "SELECT * FROM members WHERE email='$email'";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info". mysqli_error($conn); }

    //Check if email is used
    if ($result->num_rows>0) {
        echo "<script>alert('An account with the same email exists. Please sign up with another email!');window.location.href='signup.php';</script>";
        exit();
    }

    $firstname = trim($_POST['firstName']);
    $lastname = trim($_POST['lastName']);
    $phone = trim($_POST['phone']);
    $password = sha1(trim($_POST['psw']));

    //Register member into database
    $sql = "INSERT INTO members (email, password, firstname, lastname, phone) VALUES ('$email', '$password', '$firstname', '$lastname', '$phone')";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info". mysqli_error($conn); }

    echo "<script>alert('You have successfully signed up for an account. Please log in to order!');window.location.href='login.php';</script>";
}
```

Figure: PHP codes to check and insert account details into database

4.9. Account Page / Hi, Name (account.php)

This page will display the user account details from the member database. The codes to retrieve the account details and display on the page are similar to the codes mentioned previously.

The screenshot shows a web page titled 'DELICIOUS SNACKS'. On the left, there's a sidebar with links for 'Account Details' (which is active), 'Order History', and 'Log Out'. The main content area is titled 'Account Details' and displays the following information:

- First Name: Tiffany
- Last Name: Ng
- Email: ngdany@gmail.com
- Contact Number: 881666879

Figure: Account page displaying account details

User can log out their account from this page. The button simply links to 'login.php?logout=yes'. We use the \$_GET method to store a logout variable.

```
<li><a href="login.php?logout=yes">Log Out</a></li>
```

Figure: PHP code from account.php

Hence, login.php will check if this variable is set and unsets `$_SESSION['valid_user']`.

```
// Log out
if (isset($_GET['logout'])) {
    unset($_SESSION['valid_user']);
    header('location: ' . $_SERVER['PHP_SELF']);
    exit();
}
```

Figure: PHP code from login.php

4.10. Order History (history.php)

To display the order history, an SQL statement will be queried to retrieve the information from the orders table for the specific user.

```
$sql = "SELECT orders.* FROM orders INNER JOIN members ON orders.member_id = members.id WHERE members.email='".$_SESSION['valid_user']."' ORDER BY orders.id DESC";
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve info". mysqli_error($conn); }
```

Figure: PHP code to execute the MySQL query

When the user has ordered from the shop, order history will be displayed on the frontend. A table is generated using a while loop that iterates through the queried result.

```

} else {
echo "<table>";
echo "<tr>";
| echo "<th>No.</th>";
| echo "<th>Order ID</th>";
| echo "<th>Date Ordered</th>";
| echo "<th>Delivery Address</th>";
| echo "<th>Delivery Date & Time</th>";
| echo "<th>Amount ($)</th>";
| echo "<th>Status</th>";
echo "</tr>";
}

$index = 1;
while ($row = $result->fetch_assoc()) {
echo "<tr>";
echo "<td class='id'>$index</td>";
echo "<td class='orderid'>".$row['id']."</td>";
echo "<td class='orderdate'>".$row['created']."</td>";
echo "<td class='address'>".$row['address']."</td>";
echo "<td class='delivery'>";
| echo "<span class='ddate'>".$row['delivery_date']."</span>";
| echo "<br>";
| echo "<span class='dtime'>Between ".$row['delivery_time']."</span>";
echo "</td>";
echo "<td class='total'>".$row['grand_total']."</td>";
echo "<td class='status'>".$row['status']."</td>";
echo "</tr>";

$index++;
}

```

Figure: PHP codes to display order history table



The screenshot shows a user interface for managing account details. On the left, there's a sidebar with 'Account Details' at the top, followed by a link to 'Order History' which is highlighted in orange, indicating it's the active page. Below that is a 'Log Out' link. The main content area is titled 'Order History'. It features a table with the following data:

No.	Order ID	Date Ordered	Delivery Address	Delivery Date & Time	Amount (\$)	Status
1	00013	2022-11-11 22:03:53	50 Nanyang Ave #B3-08 S(639798)	2022-11-12 Between 6pm to 9pm	15.10	Confirmed

Figure: Order History page displaying a table

4.11. Contact Page (contact.php)

A form for customer feedback and enquiries is set up in this page. Once user has submitted the form, an email will be sent to localhost@f32ee with the form inputs. This is done to simulate receiving a message from customer.

```

// Email feedback
$to      = 'f32ee@localhost';
$subject = 'Feedback/Enquiry from '.$_POST['firstname'].' '.$_POST['lastname'];
$message = 'Message: '.$_POST['subject']."\r\n\r\n>Contact Number: '".$_POST['phone']."";
$headers = 'From: '.$_POST['email']. "\r\n".
'Reply-To: hello@odelicioussnack.com' . "\r\n".
'X-Mailer: PHP/' . phpversion();

mail($to, $subject, $message, $headers,'-ff32ee@localhost');

// Confirmation of feedback sent
echo "<script>alert('Your feedback/enquiry has been sent!');  
window.location.href='contact.php';</script>";
}

```

Figure: PHP code to send email

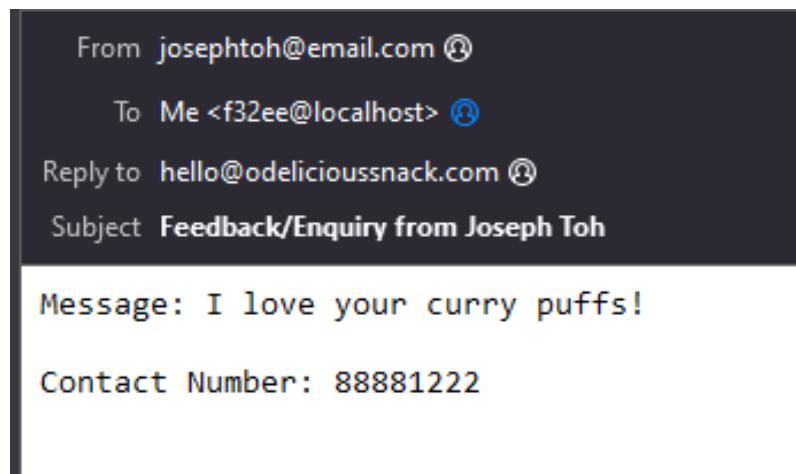


Figure: Email from customer

4.12. Admin - Update Order Status Page (update_orders.php)

This is the page that the admin is first redirected to upon verification with the database.

In this page, the admin can view all orders from the order table and update the status of each order. With the click of the 'Update Status' button, the status can be changed from 'Confirmed' to 'Out for Delivery' to 'Delivered'. The button will be disabled once status is 'Delivered'. An email will also be sent to the customer to update the status of the order.

The 'Update Status' button is tagged to an order id. A foreach loop is used to check the 'order_id_list' for the button that is set. The status of the order will be updated accordingly through the UPDATE SQL statement.

```

if ($_SESSION['order_id_list'] != '') {
    // Check which order ID update button is pressed by matching $_SESSION['order_id_list']
    foreach ($_SESSION['order_id_list'] as $order_id) {
        if (isset($_POST["update"][$order_id])) {
            $sql = "SELECT orders.*, members.email FROM orders INNER JOIN members ON orders.member_id = members.id WHERE orders.id = '$order_id'";
            if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve info". mysqli_error($conn); }

            while ($row = $result->fetch_assoc()){
                if ($row['status'] == 'Confirmed') {
                    $sql_update = "UPDATE orders SET status = 'Out for Delivery' WHERE id = '$order_id'";
                    if (!$update = mysqli_query($conn, $sql_update)) { echo "Failed to update status". mysqli_error($conn); }

                    // Send email update
                    $to      = 'f32ee@localhost';
                    $subject = 'Order Out for Delivery';
                    $message = 'Dear Customer,'."\r\n\r\n". 'Your order (ID: '.$order_id.') is out for delivery. It will reach you on '.$row['delivery_date'].', '."\r\n".
                    $row['delivery_time']..."\r\n\r\n". 'Thank you!'."\r\n\r\n". 'Best Regards,'."\r\n". 'O\' Delicious Snacks';
                    $headers = 'From: orders@odelicioussnack.com' . "\r\n".
                    'Reply-To: ' . $row['email'] . "\r\n".
                    'X-Mailer: PHP/' . phpversion();

                    mail($to, $subject, $message, $headers, '-ff32ee@localhost');

                    header('location: ' . $_SERVER['PHP_SELF']);
                    exit();
                }
            }
        }
    }
}

```

Figure: PHP codes to update order status to ‘Out for Delivery’

From orders@odelicioussnack.com ®
 To Me <f32ee@localhost> ®
 Reply to ngdanyi@gmail.com ®
 Subject Order Out for Delivery

Dear Customer,

Your order (ID: 00013) is out for delivery. It will reach you on 2022-11-12, 6pm to 9pm.

Thank you!

Best Regards,
 O’ Delicious Snacks

Figure: Email when order status is updated

The method is used to change order status to ‘Delivered’.

The order history table shows the later order id at the top. This is done by sort having the SQL query to be ‘DESC’.

```

$sql = "SELECT orders.*, members.email FROM orders INNER JOIN members ON orders.member_id = members.id ORDER BY orders.id DESC";
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve info". mysqli_error($conn); }

```

Figure: MySQL statement to query orders table

Order ID	Member Email	Date Ordered	Delivery Address	Delivery Date & Time	Amount (\$)	Status	
00013	ngdanyii@gmail.com	2022-11-11 22:03:53	50 Nanyang Ave #B3-08 S(639798)	2022-11-12 Between 6pm to 9pm	15.10	Out for Delivery	<button>Update Status</button>
00012	jack@email.com	2022-11-01 21:21:22	Blk 812 Choa Chu Kang Ave 7 #12-637 S(681812)	2022-11-04 Between 6pm to 9pm	6.00	Confirmed	<button>Update Status</button>
00011	jane@email.com	2022-10-31 21:19:38	50 Nanyang Ave #B3-08 S(639798)	2022-11-02 Between 3pm to 6pm	8.80	Confirmed	<button>Update Status</button>
00010	jane@email.com	2022-10-26 21:16:07	50 Nanyang Ave #B3-08 S(639798)	2022-10-27 Between 3pm to 6pm	11.10	Delivered	<button>Update Status</button>
00009	john@email.com	2022-10-24 21:08:56	Blk 609 Bukit Panjang Street #15-902 S(670609)	2022-10-25 Between 3pm to 6pm	12.70	Delivered	<button>Update Status</button>
00008	jack@email.com	2022-10-20 21:06:38	Blk 812 Choa Chu Kang Ave 7 #12-637 S(681812)	2022-10-22 Between 6pm to 9pm	6.00	Delivered	<button>Update Status</button>
00007	john@email.com	2022-10-15 21:04:33	Blk 609 Bukit Panjang Street #15-902 S(670609)	2022-10-17 Between 6pm to 9pm	12.80	Delivered	<button>Update Status</button>
00006	jane@email.com	2022-10-13 20:59:47	50 Nanyang Ave #B3-08 S(639798)	2022-10-16 Between 12pm to 3pm	11.10	Delivered	<button>Update Status</button>
00005	jack@email.com	2022-11-10 20:57:36	Blk 812 Choa Chu Kang Ave 7 #12-637 S(681812)	2022-10-11 Between 6pm to 9pm	12.70	Delivered	<button>Update Status</button>
00004	john@email.com	2022-10-06 20:56:24	Blk 609 Bukit Panjang Street #15-902 S(670609)	2022-10-07 Between 12pm to 3pm	6.00	Delivered	<button>Update Status</button>
00003	jane@email.com	2022-10-04 20:54:39	50 Nanyang Ave #B3-08 S(639798)	2022-10-06 Between 9am to 12pm	12.80	Delivered	<button>Update Status</button>
00002	jack@email.com	2022-10-03 20:53:00	Blk 812 Choa Chu Kang Ave 7 #12-637 S(681812)	2022-10-04 Between 3pm to 6pm	7.10	Delivered	<button>Update Status</button>
00001	john@email.com	2022-10-01 20:45:38	Blk 609 Bukit Panjang Street #15-902 S(670609)	2022-10-02 Between 12pm to 3pm	12.70	Delivered	<button>Update Status</button>

Figure: Order table with Update Status buttons at the last column

4.13. Admin - Update Menu Prices Page (price_update.php)

This coding method used here is similar to the one done in Case Study 4.1

4.14. Admin - Sales Report Page (reports.php)

This coding method used here is similar to the one done in Case Study 4.2

To produce a table displaying the total sales by product categories, we used if-else statements to collate the total quantity and price of the product categories

```
$sql = "SELECT * FROM product_sales ORDER BY id";
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve prices". mysqli_error($conn); }

$trad_qty=0;$sea_qty=0;$chic_qty=0;$dess_qty=0;
$trad_price=0;$sea_price=0;$chic_price=0;$dess_price=0;

while ($row = $result->fetch_assoc()){
    if ($row['category'] == "0' Traditional") {
        $trad_qty+=$row['quantity'];
        $trad_price+=$row['total_price'];
    }
    if ($row['category'] == "0' Roll") {
        $sea_qty+=$row['quantity'];
        $sea_price+=$row['total_price'];
    }
    if ($row['category'] == "0' Block Cake") {
        $chic_qty+=$row['quantity'];
        $chic_price+=$row['total_price'];
    }
    if ($row['category'] == "0' Seasonal") {
        $dess_qty+=$row['quantity'];
        $dess_price+=$row['total_price'];
    }
}
```

Figure: PHP codes to collate the sales by categories

5. Testing of web application

5.1. Test 1: Menu Page

- Test if the user can add a negative quantity to their cart.
 - Users cannot add a negative quantity to their cart; the minimum value on the quantity input is 0.
- Test if the number in the top-right corner increases after the item is added to the cart.
 - Yes, cart number increases.



Figure: Added 6 items to the cart

5.2. Test 2: Cart Page

- Test if the user can change the quantities of the items
 - Yes, quantities can be increased or decreased to minimum value of 1.
- Test if the user can remove items.
 - Yes, items can be removed by clicking onto the “REMOVE” button.
- Test if an alert is shown to the user when the user is not logged in and wants to checkout.
 - Yes, alert asking user to log in will be shown.

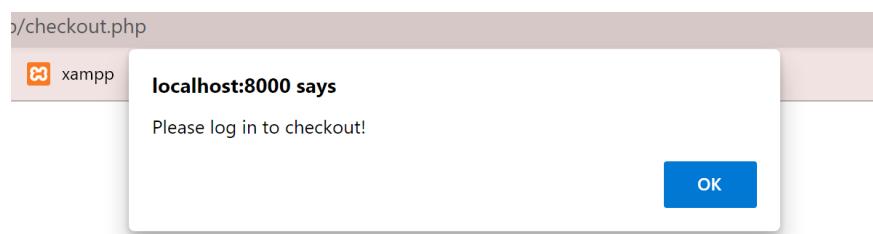


Figure: Screenshot of the Login alert

- Test if the user can checkout when they are logged in.
 - Yes, user is redirected to the Checkout page if they are logged in.

5.3. Test 3: Sign Up Page

- Test if the user can sign up when they have not filled in all the columns.
 - Users cannot sign up if they have not filled in all the columns. An alert will tell them to fill up the field.

Sign Up for an Account

Please fill every field in this form to create an account.

First Name	Last Name
<input type="text"/>	<input type="text"/>
Email	<p>! Please fill out this field.</p>

Figure: Screenshot of the Login alert

- Test if an alert pops up when the user does not key in their email/phone number in the correct format.
 - Alert pops up

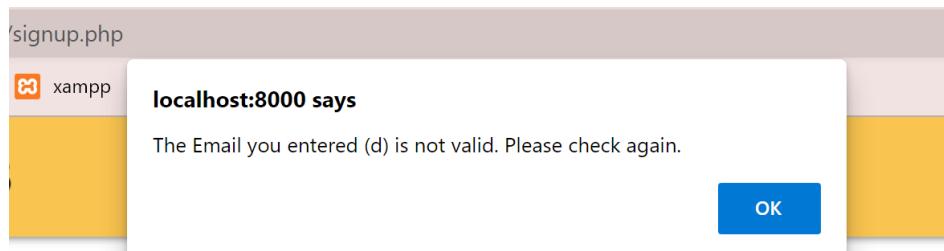


Figure: Screenshot of the wrong Email format alert

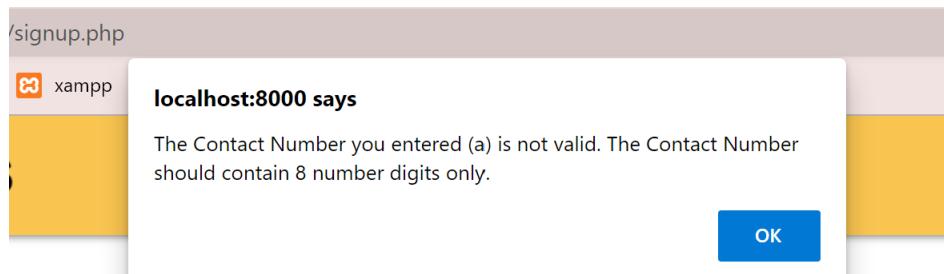


Figure: Screenshot of the wrong Contact Number format alert

- When users type in their new password, see if pop-ups appear to show them if they met the password requirements, and if the crosses turn into ticks when their password meets that specific requirement.
 - Crosses do turn into ticks when their password meets that specific requirement.

Password

Must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters

Password must contain the following:

- ✗ A lowercase letter
- ✗ A capital (uppercase) letter
- ✗ A number
- ✗ Minimum 8 characters

Figure: Password does not meet any of the requirement

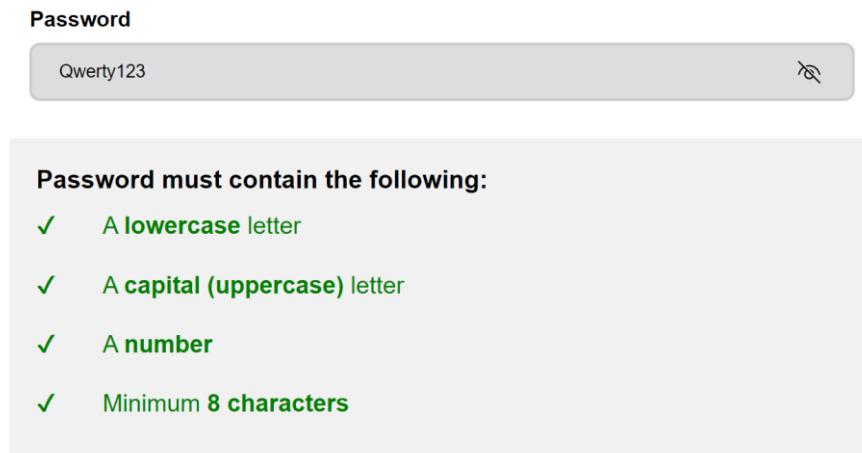


Figure: Example of a Password that meets all of the requirement

- Test if the user can sign up when their password does not meet the password requirements.
 - An alert will appear when the user's password does not meet the requirement but they still click the 'Sign Up' button.

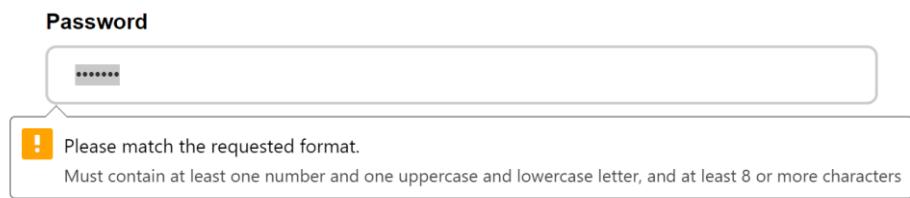


Figure: An alert appears when user's password do not meet the requirement but still click the 'Sign Up' button

- Test if the user can sign up with an email that is already used.
 - A user cannot sign up using an email address that is already in use.

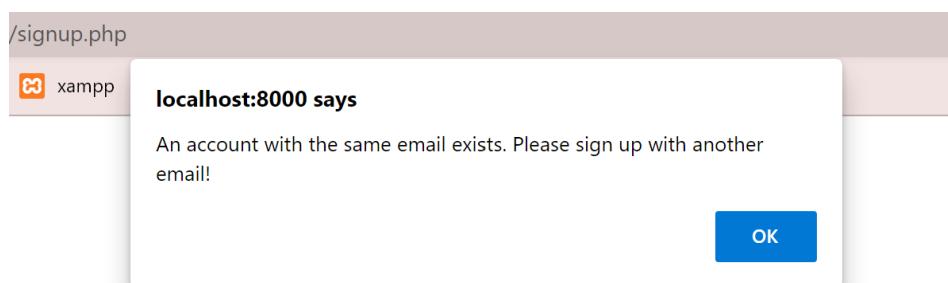


Figure: An alert appears when user sign up using an email address that is already in use

- Test if the user can sign up when the 'Password' and 'Repeat Password' do not match each other.
 - User cannot sign up when the 'Password' and 'Repeat Password' do not match each other.

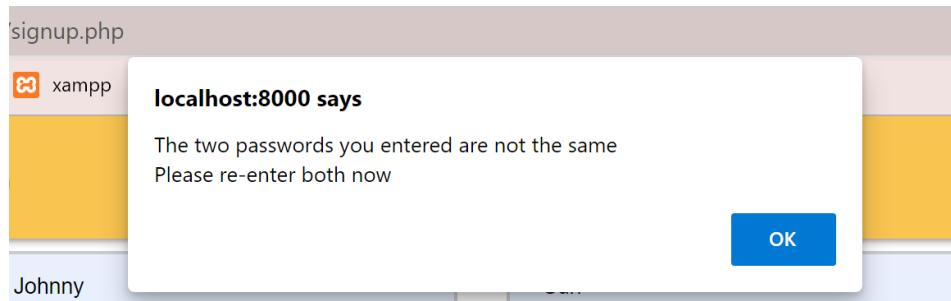


Figure: An alert appears when the passwords do not match

- Information about the new users will be saved in the members table in the phpMyAdmin database.
 - Information about the new user is saved in the members table.

5.4. Test 4: Login Page

- Test if the user can log in with the wrong email / password and if the alert box will appear to tell them that it is an invalid email / password.
 - User cannot log in with the wrong email / password, an alert box will appear.

Login to Order

Invalid email and/or password

Email

Password

[Don't have an account? Sign Up](#)

Figure: An alert appears when the email / password keyed in is invalid

- Test if the user can log in with the correct email and password.
 - Yes, user can log in.

5.5. Test 5: Checkout Page

- Test if the First Name, Last Name and Phone Number shown on the page are the same as what the user used when they signed up for an account.
 - Yes, the First Name, Last Name and Phone Number shown on the page is correct.

1. Delivery

Choose a Delivery Date*:

Choose a Delivery Time Slot*:

First Name	Last Name
Tiffany	Ng

Address*

Postal Code*	Unit No.*
639798	# B2 - 118

Contact Number

Figure: The highlighted fields are automatically filled with the correct information

- Test if alert pop up when user do not key in their Postal Code / Unit / Credit Card Number / Expiry Date / CVV in the correct format
 - Yes, the alerts will appear when users do not key in those information correctly.

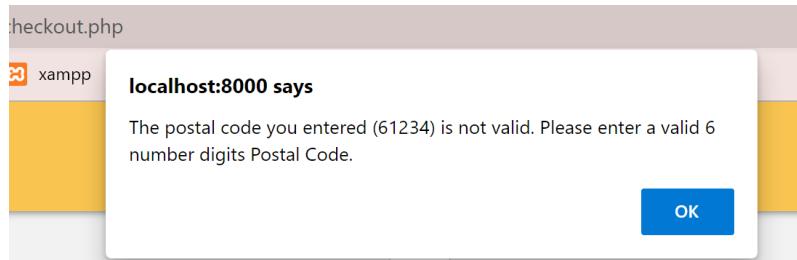


Figure: An alert appears when the Postal Code is in the wrong format.

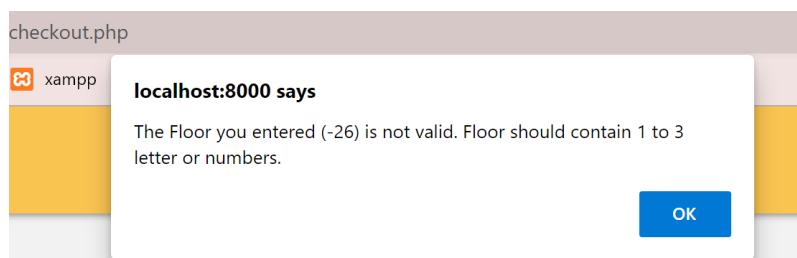


Figure: An alert appears when the Unit Floor is in the wrong format.

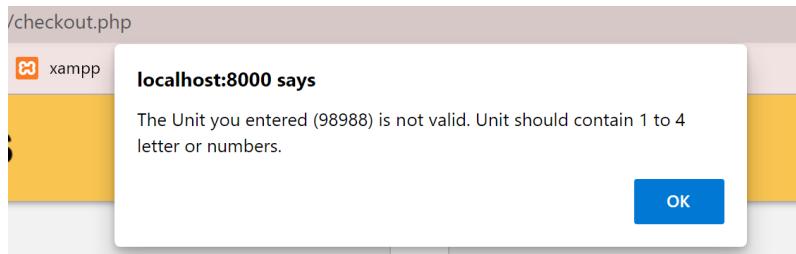


Figure: An alert appears when the Unit Number is in the wrong format.



Figure: An alert appears when the card's expiry date is in the wrong format.

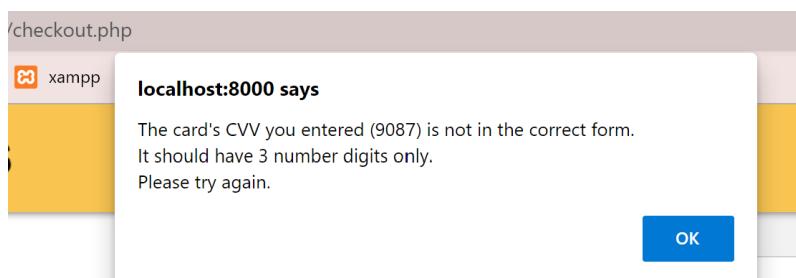


Figure: An alert appears when the Postal Code card's CVV is in the wrong format.

- Test if the user can pick a delivery date from today or from the past.
 - User cannot pick a delivery date from today or the past

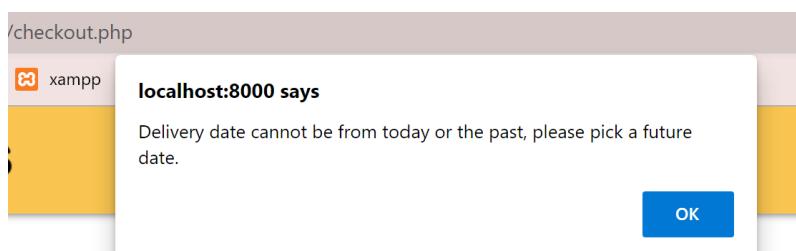


Figure: An alert appears when user did not pick a future date.

- Test if the discount is applied when the correct discount code ("FREEDELIVERY") is typed in.
 - A discount of \$4 is applied when the correct discount code is typed in.



Figure: An alert appears when discount is applied.

Subtotal	\$13.40
Delivery	\$4.00
Discount	-\$4.00
Total	\$13.40

Figure: Discount is applied to the Order Summary section.

- Test if the user can place an order if any of the fields marked with an asterisk (*) is left blank.
 - Users cannot place an order if any of the fields marked with an asterisk (*) is left blank.

The screenshot shows a form titled "1. Delivery". It has two input fields: "Choose a Delivery Date*" and "Choose a Delivery Time Slot*". The "Delivery Date" field has a date picker icon. The "Delivery Time Slot" field has a dropdown arrow icon. A validation message "Please fill out this field." with an exclamation mark icon is displayed next to the "Delivery Time Slot" field.

Figure: An alert will appear if the user leaves the asterisk field blank while trying to place an order.

- Test if the user can place an order when the information they indicate is not in the correct format.
 - Users cannot place an order if any of the information they indicate is not in the correct format. An alert related to that error will appear.
- Test if an email is sent to the user upon successfully placing an order.
 - Email with the important information about the order is sent to the customer.

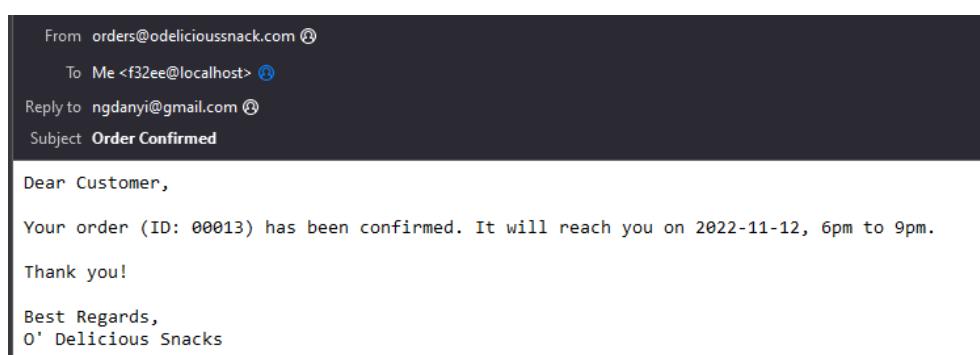


Figure: Screenshot of the email order sent.

- Order will save in the order_items and orders phpMyAdmin database tables.
 - Yes, the orders are reflected in the order_items and orders phpMyAdmin database tables.

id	order_id	name	price	quantity	total_price
40	00014	Tuna O'Puff	2.90	2	5.80
41	00014	Custard Puff	1.80	3	5.40
42	00014	Chocolate Eclair Slice	2.20	1	2.20
39	00013	Custard Puff	1.80	5	9.00
38	00013	Sugar O'Roll	2.30	1	2.30
37	00013	Tuna O'Puff	2.90	2	5.80

Figure: orders are reflected in the order_items database table

id	member_id	grand_total	created	delivery_date	delivery_time	address	status
00014	00004	13.40	2022-11-11 21:47:42	2022-12-10	6pm to 9pm	50 Nanyang Ave #2-22 S(612321)	Confirmed
00013	00004	17.10	2022-11-11 13:22:20	2022-11-22	3pm to 6pm	50 Nanyang Ave #2-22 S(612321)	Confirmed

Figure: orders are reflected in the orders database table

5.6. Test 6: Profile Page

- Test if the information displayed on the Account Details and Order History is correct.
 - Information displayed on the Account Details and Order History is correct.
- Test if the order history is updated when a new order is placed / when the order status is updated.
 - Order History is updated correctly.

Order History

No.	Order ID	Date Ordered	Delivery Address	Delivery Date & Time	Amount (\$)	Status
1	00014	2022-11-11 21:47:42	50 Nanyang Ave #2-22 S(612321)	2022-12-10 Between 6pm to 9pm	13.40	Confirmed
2	00013	2022-11-11 13:22:20	50 Nanyang Ave #2-22 S(612321)	2022-11-22 Between 3pm to 6pm	17.10	Confirmed

Figure: Information on Order History is correct

5.7. Test 7: Contact Page

- Test if the user can submit the form when the First Name / Email / Message field is empty.
 - User cannot submit form when the First Name / Email / Message field is empty.

Contact Us

The screenshot shows a 'Contact Us' form with four fields: 'First Name*' (empty), 'Last Name' (empty), 'Email*' (empty), and 'Contact Number' (empty). Below the 'Email*' field is a red error message box containing the text 'Feedback/E ! Please fill out this field.' and the placeholder 'Write your message'.

Figure: An alert will appear if the user leaves the asterisk field blank while trying submit the form.

- Test if an alert appears when user does not enter their email in the correct format.
 - Alert appears when user does not enter email in the correct format.

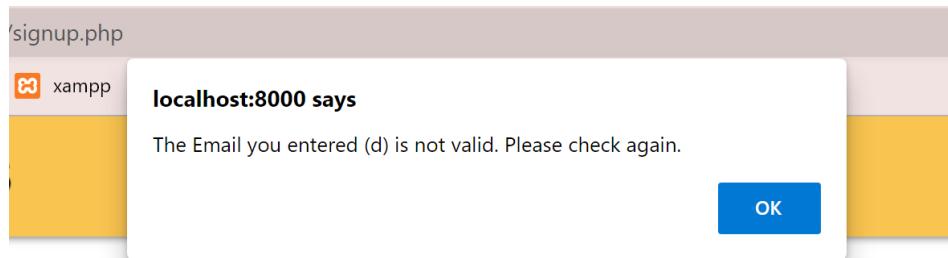


Figure: Screenshot of the wrong Email format alert

- Test if the user can submit the form when their email is in the wrong format.
 - User cannot submit the form when their email is in the wrong format. The Wrong email format alert will appear.
- Test if an email with the relevant details is sent to the admin after the user successfully submits the form.
 - Email is sent to admin after the user submits the form.

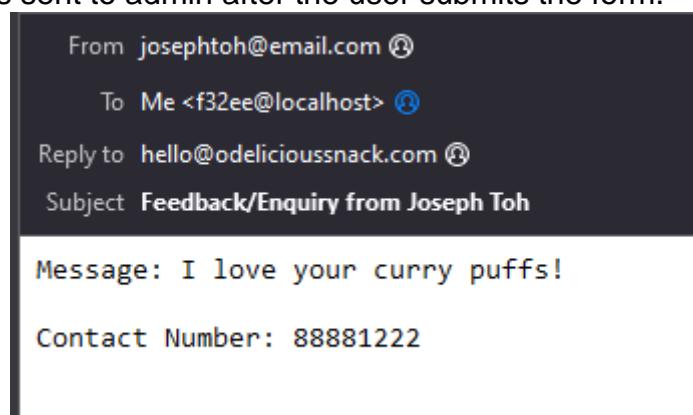


Figure: Screenshot of the email order sent.

5.8. Test 8: Admin - Update Order Status Page

- Test if the latest order placed is at the top of the table.
 - Latest order is updated at the top of the table.

Update Order Status

Order ID	Member Email	Date Ordered	Delivery Address	Delivery Date & Time	Amount (\$)	Status	
00014	johnny@suh.com	2022-11-11 21:47:42	50 Nanyang Ave #2-22 S(612321)	2022-12-10 Between 6pm to 9pm	13.40	Confirmed	<button>Update Status</button>
00013	johnny@suh.com	2022-11-11 13:22:20	50 Nanyang Ave #2-22 S(612321)	2022-11-22 Between 3pm to 6pm	17.10	Confirmed	<button>Update Status</button>
00012	jack@email.com	2022-11-01 21:21:22	Blk 812 Choa Chu Kang Ave 7 #12-637 S(681812)	2022-11-04 Between 6pm to 9pm	6.00	Confirmed	<button>Update Status</button>
00011	jane@email.com	2022-10-31 21:19:38	50 Nanyang Ave #B3-08 S(639798)	2022-11-02 Between 3pm to 6pm	8.80	Confirmed	<button>Update Status</button>

Figure: Screenshot of the top 4 row on the tables

- Test if admin can update the status from ‘Confirmed’ to ‘Out for Delivery’ to ‘Delivered’.
 - Admin can update the status from ‘Confirmed’ to ‘Out for Delivery’ and from ‘Out for Delivery’ to ‘Delivered’.

Update Order Status

Order ID	Member Email	Date Ordered	Delivery Address	Delivery Date & Time	Amount (\$)	Status	
00014	johnny@suh.com	2022-11-11 21:47:42	50 Nanyang Ave #2-22 S(612321)	2022-12-10 Between 6pm to 9pm	13.40	Confirmed	<button>Update Status</button>
00013	johnny@suh.com	2022-11-11 13:22:20	50 Nanyang Ave #2-22 S(612321)	2022-11-22 Between 3pm to 6pm	17.10	Confirmed	<button>Update Status</button>
00012	jack@email.com	2022-11-01 21:21:22	Blk 812 Choa Chu Kang Ave 7 #12-637 S(681812)	2022-11-04 Between 6pm to 9pm	6.00	Out for Delivery	<button>Update Status</button>
00011	jane@email.com	2022-10-31 21:19:38	50 Nanyang Ave #B3-08 S(639798)	2022-11-02 Between 3pm to 6pm	8.80	Delivered	<button>Update Status</button>

Figure: Updated the status for Order ID 00011 and 00012

5.9. Test 9: Admin - Update Menu Prices Page

- Test if admin can change the price of each menu item and if the change is reflected on the Menu page.
 - Yes, admin can change the price and it will be reflected on the Menu page as well.

Update Menu Prices

No.	Product Name	Product Category	Product Price (\$)	New Price (\$)	
1	Curry O'Puff	O' Traditional	2.90	<input type="text"/>	<button>Update</button>
2	Tuna O'Puff	O' Traditional	2.90	<input type="text"/>	<button>Update</button>
3	Mushroom O'Puff	O' Traditional	2.90	<input type="text"/>	<button>Update</button>
4	Chocolate O'Roll	O' Roll	2.10	<input type="text"/>	<button>Update</button>
5	Sugar O'Roll	O' Roll	2.30	<input type="text"/>	<button>Update</button>

Figure: Table before price update

O' Traditional

You can never have enough of these nostalgic delicacies and traditional Singaporean snacks, which have been passed down from generation to generation!

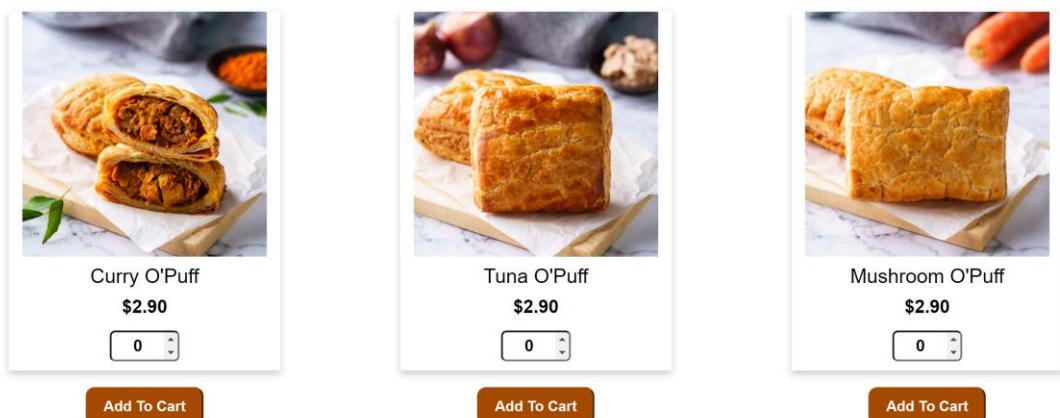


Figure: Menu before price update

No.	Product Name	Product Category	Product Price (\$)	New Price (\$)	
1	Curry O'Puff	O' Traditional	2.90	<input type="text" value="2.70"/>	<button>Update</button>
2	Tuna O'Puff	O' Traditional	2.90	<input type="text" value="3.10"/>	<button>Update</button>
3	Mushroom O'Puff	O' Traditional	2.90	<input type="text" value="3"/>	<button>Update</button>

Figure: New prices to be updated

No.	Product Name	Product Category	Product Price (\$)	New Price (\$)	
1	Curry O'Puff	O' Traditional	2.70	<input type="text"/>	<button>Update</button>
2	Tuna O'Puff	O' Traditional	3.10	<input type="text"/>	<button>Update</button>
3	Mushroom O'Puff	O' Traditional	3.00	<input type="text"/>	<button>Update</button>

Figure: Table after price update

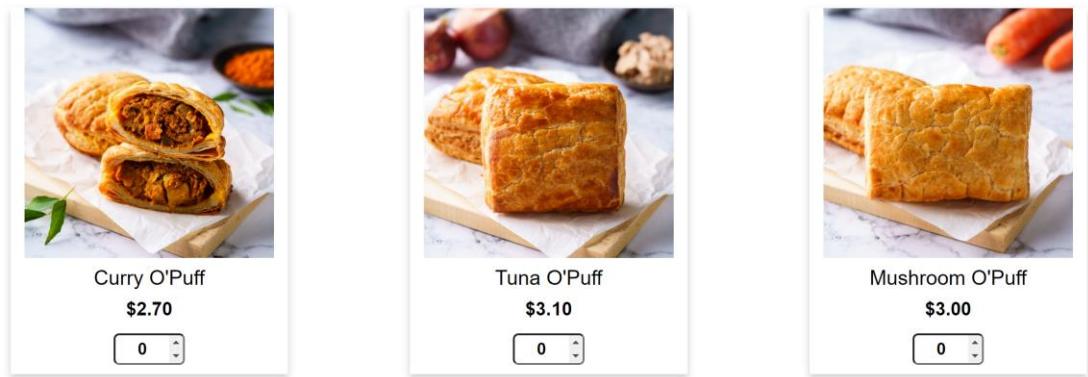


Figure: Menu after price update

5.10. Test 10: Admin - Sales Report Page

- Test if the products in the Best Selling Products table is sorted in descending order (with respect to the total sales).
 - Table is sorted in descending order (with respect to the total sales).

Best Selling Products

No.	Product Name	Product Category	Quantity Sold	Total Sales
1	Tuna O'Puff	O' Traditional	7	20.30
2	Custard Puff	O' Seasonal	11	19.80
3	Banana Walnut Block	O' Block Cake	3	9.60
4	Sugar O'Roll	O' Roll	4	9.20
5	Chocolate Eclair Slice	O' Seasonal	4	8.80
6	Butter Block	O' Block Cake	3	8.70
7	Mushroom O'Puff	O' Traditional	3	8.70
8	Curry O'Puff	O' Traditional	3	8.70
9	Mango Ring O'Roll	O' Roll	3	8.10
10	Marble Butter Block	O' Block Cake	3	8.10
11	Chocolate O'Roll	O' Roll	3	6.30
12	Almond Pineapple Tart	O' Seasonal	3	6.00

Figure: Best Selling Products table

- Test if the categories in the Best Selling Categories table is sorted in descending order (with respect to the total sales).
 - Table is sorted in descending order (with respect to the total sales).

Best Selling Categories

Product Category	Total Quantity Sold	Total Sales
O' Traditional	13	37.70
O' Seasonal	18	34.60
O' Block Cake	9	26.40
O' Roll	10	23.60

Figure: Best Selling Categories table

6. Conclusion

This project provided valuable insight into the process of website application development. It allowed us to learn the basics of the front-end and back-end languages. It is very fulfilling to buy an entire web portal, from viewing the Menu page to submitting orders.

Through this experience, both of us realized that front-end and back-end processes are equally crucial for the success of a website application. The website application won't be functional or user-friendly without either of these. Numerous things might be added to the current project to make it better, such as:

- Storing the admin password in the database instead of the codes for security reasons - **Updated after project demo as seen from the screenshot in the members table in Part 4 above.**
- Allow admin to view each of the details (check which item was ordered by which customer) of each order instead of just the delivery details and total cost – the order_items database table was already set up for this purpose, but due to time constraints, we did not include an admin page for it.
- Allowing the main admin to maintain more accounts for other admins with different levels of admin privileges.
- Include a search feature for the admin or customers so that they can search through their orders or the menu items.
- Allow admin to cancel orders based on customer requests and send a confirmation email upon cancelling.
- Allow admin to make products unavailable to order if necessary.

While these functionalities might be added to the web app, the current project already has enough fundamental functionality to allow for such a website to launch as a snack shop page. We were happy with how the website turned out.

7. Appendices

Contributions:

- Tiffany
 - Mainly front-end development
 - Created the website with HTML, CSS
 - Input validations with JavaScript
- Fu Hao
 - Mainly back-end development
 - Converted the HTML files into PHP files to produce content dynamically
 - Improved the calculation in the JavaScript file
 - Set up Thunderbird for sending out emails

Appendix: Source Codes

account.php

```
<!DOCTYPE html>
<html>
<?php
    $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

    if (mysqli_connect_errno()) {
        echo 'Error: Could not connect to database. Please try again later.';
        exit;
    }

    session_start();
    if (!isset($_SESSION['cart'])){
        $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0",
        "mushroom"=>"0", "croll"=>"0", "sugar"=>"0", "mango"=>"0", "butter"=>"0",
        "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0", "chocolate"=>"0");
        $_SESSION["totalQty"] = "0";
    }

    if (isset($_SESSION['valid_user'])) {
        $sql = "SELECT * FROM members WHERE
email='". $_SESSION['valid_user']. "'";
        if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
mysqli_error($conn); }
        $user = $result->fetch_assoc();
    } else {
        echo "<script>alert('Please log in to view your account details!');\nwindow.location.href='login.php';</script>";
        exit();
    }
?>
<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-account.css">
</head>
<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            
        </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
```

```

<label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
<!-- Menu -->
<nav class="nav">
    <ul class="menu">
        <li><a href="menu.php">Menu</a></li>
        <li><a href="contact.php">Contact</a> </li>
        <?php
            echo "<li><a class='active' href='account.php'>Hi,
        ".$user['firstname']. "</a></li>";
        ?>
        <li><a href="cart.php" class="cart">&#128722;&#xe0e;</a><span
            class="cart-total-quantity"><?php echo $_SESSION["totalQty"]; ?></span></li>
    </ul>
</nav>
</header>
<div class="history row">
    <div class="col-2 col-s-4 col-xs-12 leftcolumn">
        <ul>
            <li><a href="account.php" style="color: chocolate">| Account
                Details</a></li>
            <li><a href="history.php">Order History</a></li>
            <br>
            <li><a href="login.php?logout=yes">Log Out</a></li>
        </ul>
    </div>
    <div class="col-9 col-s-6 col-xs-12 rightcolumn">
        <h2 class="section-header">Account Details</h2>
        <div class="container">
            <div class="col-6 col-s-12 col-xs-12 field">
                <label for="fname">First Name</label>
                <input type="text" id="fname" name="firstname" value="<?php echo
                $user['firstname'];?>" readonly="readonly">
            </div>
            <div class="col-6 col-s-12 field">
                <label for="lname">Last Name</label>
                <input type="text" id="lname" name="lastname" value="<?php echo
                $user['lastname'];?>" readonly="readonly">
            </div>
            <div class="col-12 col-s-12 col-xs-12 field">
                <label for="email">Email</label>
                <input type="text" name="email" id="email" value="<?php echo
                $user['email'];?>" readonly="readonly">
            </div>
            <div class="col-12 col-s-12 col-xs-12 field">
                <label for="phone">Contact Number</label>
                <input type="text" id="phone" name="phone" value="<?php echo
                $user['phone'];?>" readonly="readonly">
            </div>
        </div>
    </div>
</div>

```

```

        </div>
    </div>
</div>
<footer>
<div class="footer">
    <div class="row">
        O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights
        reserved.
        <br>
        Tiffany Ng | Toh Fu Hao
    </div>
</div>
</footer>
</body>
</html>

```

cart.php

```

<!DOCTYPE html>
<html>
<?php

$conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

if (mysqli_connect_errno()) {
    echo 'Error: Could not connect to database. Please try again later.';
    exit;
}

$sql = "SELECT name, price FROM product_sales ORDER BY id";
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve prices". mysqli_error($conn); }
$prices = array();
while ($row = $result->fetch_assoc()){
    $prices[] = $row;
}

session_start();
if (!isset($_SESSION['cart'])){
    $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
    "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
    "chocolate"=>"0");
    $_SESSION["totalQty"] = "0";
}

if (isset($_SESSION['valid_user'])) {
    $sql = "SELECT * FROM members WHERE email=".$_SESSION['valid_user']."";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
    mysqli_error($conn); }
    $user = $result->fetch_assoc();
}

$conn -> close();

$products = array("curry", "tuna", "mushroom", "croll", "sugar", "mango", "butter", "marble", "banana",
"custard", "almond", "chocolate");

```

```

// Check if remove button is set
foreach ($products as $product) {
    if (isset($_GET["remove".$product])) {
        $_SESSION['totalQty'] = $_SESSION['totalQty'] - $_SESSION['cart'][$product];
        $_SESSION['cart'][$product] = "0";
        header('location: ' . $_SERVER['PHP_SELF']);
        exit();
    }
}

// Pass product price to javascript
foreach ($products as $i => $product) {
    echo "<div id=\"$product.Price\" style='display: none;'>";
    echo htmlspecialchars($prices[$i]["price"]);
    echo "</div>";
}

?>

<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-cart.css">
</head>
<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            
        </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
        <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
        <!-- Menu -->
        <nav class="nav">
            <ul class="menu">
                <li><a href="menu.php">Menu</a></li>
                <li><a href="contact.php">Contact</a> </li>
                <?php
                    if (isset($_SESSION['valid_user'])) {
                        echo "<li><a href='account.php'>Hi, ". $user['firstname']. "</a></li>";
                    } else {
                        echo "<li><a href='login.php'>Login</a></li>";
                    }
                ?>
                <li><a href="cart.php" class="cart">&#128722;&#xe0e;</a><span class="cart-total-quantity"><?php echo $_SESSION['totalQty']; ?></span></li><!--cart -->
            </ul>
        </nav>
    </header>
    <div id="">
        <!--for empty cart-->

```

```

<!--<h2 style="text-align: center;">Empty Cart</h2>
<br>
<h2 style="text-align: center;">Return to <a href="menu.php">Menu page</a></h2>-->
<?php
    $emptycount = 0;
    foreach ($_SESSION['cart'] as $product => $qty) {
        if (empty($_SESSION['cart'][$product])) {
            $emptycount++;
        }
    }

    if ($emptycount==12) {
        echo "<section class='empty-cart'>";
        echo "<h2 class='section-header' style='text-align: center;'>Empty Cart</h2><br>";
        echo "<h2 style='text-align: center;'>Return to <a href='menu.php'>Menu page</a></h2>";
        echo "</section>";
    } else {
        echo "<section class='container content-section'>";
        echo "<form method='post' action='checkout.php'>";
        echo "<h2 class='section-header'>FOOD CART</h2>";
        echo "<div class='cart-items'>";
        $index = 0;
        $totalPrice = 0;
        foreach ($_SESSION['cart'] as $product => $qty) {
            if (!empty($_SESSION['cart'][$product])) {
                echo "<div class='cart-row'>";
                echo "<div class='cart-item cart-column'>";
                echo "<img class='cart-item-image' src='css/images/".$product.".jpg' width='100' height='100'>";
                echo "<div class='cart-item-detail'>";
                echo "<span class='cart-item-title'>".$prices[$index]['name']."'</span>";
                echo "<span class='cart-price-each'>$".$prices[$index]['price']."' each</span>";
                echo "</div></div>";
                echo "<div class='cart-quantity cart-column'>";
                echo "<div class='counter'>";
                echo "<input type='number' id='".$product."Qty' onchange='".$product."Calculate()' name='".$product."' value='".$qty."' min='1' max='99'>
                </div></div>";

                // Pass product total price to Javascript
                echo "<div id='".$product."Total' style='display: none;'>";
                echo htmlspecialchars($qty*$prices[$index]['price']);
                echo "</div>";

                echo "<div class='cart-price cart-column'>";
                echo "<span";
                id='".$product."Totalfinal'>$".number_format($qty*$prices[$index]['price'],2)."'</span></div>";
                echo "<div class='cart-remove cart-column'>";

                // Remove product from cart
                echo "<a href='cart.php?remove".$product."=yes' class='btn-remove'>REMOVE</a>";
                echo "</div></div>";

                $totalPrice+=$qty*$prices[$index]['price'];
                $index++;
            } else {
                // Pass total price = 0 to Javascript

```

```

        echo "<div id=\"".$product."Total' style='display: none;'>";
        echo htmlspecialchars(0);
        echo "</div>";
        $index++;
    }
}
echo "</div>";
echo "<div class='cart-total'>";
echo "<span class='cart-total-title'>Subtotal</span>";
echo "<span id='cart-total-price'>$".number_format($totalPrice,2)."</span>";
echo "<input type='submit' class='btn-primary btn-checkout' value='CHECKOUT'>";
echo "</div>";
echo "</form>";
}

?>

</section>
</div>
<script type="text/javascript" src="javascript/cart.js"></script>
<footer>
<div class="footer">
<div class="row">
    O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
    <br>
    Tiffany Ng | Toh Fu Hao
    </div>
    </div>
</footer>
</body>
</html>

```

checkout.php

```

<!DOCTYPE html>
<html>
<?php
    $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

    if (mysqli_connect_errno()) {
        echo 'Error: Could not connect to database. Please try again later.';
        exit;
    }

    $sql = "SELECT name, price FROM product_sales ORDER BY id";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve prices". mysqli_error($conn); }
    $prices = array();

```

```

while ($row = $result->fetch_assoc()){

    $prices[] = $row;
}

session_start();

if (!isset($_SESSION['cart'])){

    $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
    "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
    "chocolate"=>"0");

    $_SESSION["totalQty"] = "0";

}

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

    $sql = "SELECT * FROM members WHERE email=". $_SESSION['valid_user']. """;

    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
    mysqli_error($conn); }

    $user = $result->fetch_assoc();

} else {

    echo "<script>alert('Please log in to checkout!');

    window.location.href='login.php';</script>";

}

$conn -> close();

$products = array("curry", "tuna", "mushroom", "croll", "sugar", "mango", "butter", "marble", "banana",
"custard", "almond", "chocolate");

$_SESSION["totalQty"] = "0";

foreach ($products as $product) {

    if (isset($_POST[$product])) {

        $_SESSION['cart'][$product] = $_POST[$product];

        header('location: ' . $_SERVER['PHP_SELF']);

    }

    $_SESSION["totalQty"] += $_SESSION['cart'][$product];

}

$emptycount = 0;

```

```

foreach ($_SESSION['cart'] as $product => $qty) {
    if (empty($_SESSION['cart'][$product])) {
        $emptycount++;
    }
}

?>

<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-checkout.css">
    <script type="text/javascript" src="javascript/checkout.js"></script>
</head>
<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
        <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
        <!-- Menu -->
        <nav class="nav">
            <ul class="menu">
                <li><a href="menu.php">Menu</a></li>
                <li><a href="contact.php">Contact</a> </li>
                <?php
                    if (isset($_SESSION['valid_user'])) {
                        echo "<li><a href='account.php'>Hi, " . $user['firstname'] . "</a></li>";
                    } else {
                        echo "<li><a href='login.php'>Login</a></li>";
                    }
                ?>

```

```

<li><a href="cart.php" class="cart">cart</a><span class="cart-total-quantity"><?php echo $_SESSION["totalQty"]; ?></span></li>
</ul>
</nav>
</header>
<?php
if ($emptycount==12) {
echo "<script>alert('Hey your cart is empty! Please start ordering (:';
window.location.href='menu.php';</script>";
}
?>
<h2 class="section-header">Checkout</h2>
<div class="row">
<div class="col-50">
<div class="container" style="margin: 20px">
<h2 class="section-headertwo">Order Summary</h2>
<form method="get" action="show_get.php">
<table cellspacing="15" style="width:90%">
<?php
//print_r($_SESSION['cart']);
$index = 0;
$totalPrice = 0;

foreach ($_SESSION['cart'] as $product => $qty) {
if (!empty($_SESSION['cart'][$product])) {
echo "<tr>";
echo "<td class='image'> <img src='css/images/".$product.".jpg' class='cart-item-image'></td>";
echo "<td class='cart-item-detail'>";
echo "<dd class='cart-item-title'>".$prices[$index]['name']."'</dd>";
echo "<dd class='cart-price-each'>".$prices[$index]['price']."' each</dd>";
echo "</td>";
echo "<td class='orders'>";
echo "<dd class='cart-price'>$".number_format($qty*$prices[$index]['price'],2)."'</dd>";
echo "<dd class='cart-qty'>Qty: ".$qty."</dd>";
echo "</td>";
}
}

```

```

echo "</tr>";
$totalPrice+=$qty*$prices[$index]['price'];
$index++;
} else {
$index++;
}
}

$_SESSION['totalPrice'] = $totalPrice;

echo "</table>";
echo "<p></p>";
echo "<table id='table2'>";
echo "<tr>";
echo "<td class='total-left subtotal-title'>Subtotal</td>";
echo "<td class='total-right subtotal-title'>$<span id='checkout-subtotal'>".number_format($totalPrice,2)."</span></td>";
echo "</tr>";
echo "<tr>";
echo "<td class='total-left subtotal-title'>Delivery</td>";
echo "<td class='total-right subtotal-title'>$4.00</td>";
echo "</tr>";
echo "<tr>";
echo "<td class='total-left subtotal-title' id='discount' style='display: none;'>Discount</td>";
echo "<td class='total-right subtotal-title' id='discountP' style='display: none;'>-$4.00</td>";
echo "</tr>";
echo "<tr>";
echo "<td class='total-left total-title'>Total</td>";
echo "<td class='total-right checkout-total'>$<span id='checkout-total'>".number_format($totalPrice+4,2)."</span></td>";
echo "</tr>";
echo "</table>";
echo "</form>";
?>
</div>
</div>
<div class="col-50">
```

```

<form action="order.php" method="post" style="margin: 20px" id="myForm">
<div class="container delivery">
<div class="row">
<div class="col-50">
<h2 class="section-headertwo">1. Delivery</h2>
<div class="row">
<div class="col-50">
<label for="firstName">Choose a Delivery Date*</label>
</div>
<div class="col-4"></div>
<div class="col-50">
<input type="date" name="date" id="date" value="" onchange="validateDate()" required/>
</div>
</div>
<div class="row">
<div class="col-50">
<label for="time">Choose a Delivery Time Slot*</label>
</div>
<div class="col-4"></div>
<div class="col-50">
<select id="time" name="time" required>
<option value="9am to 12pm">Between 9am to 12pm</option>
<option value="12pm to 3pm">Between 12pm to 3pm</option>
<option value="3pm to 6pm" selected>Between 3pm to 6pm</option>
<option value="6pm to 9pm">Between 6pm to 9pm</option>
</select>
</div>
</div>
<div class="row">
<div class="col-50">
<label for="firstName">First Name</label>
<input type="text" id="firstName" name="firstName" value="php echo $user['firstname'];?&gt;" readonly="readonly"&gt;
&lt;/div&gt;
&lt;div class="col-4"&gt;&lt;/div&gt;
&lt;div class="col-50"&gt;
&lt;label for="lastName"&gt;Last Name&lt;/label&gt;
</pre

```

```

<input type="text" id="lastName" name="lastName" value="<?php echo
$user['lastname'];?>" readonly="readonly">
</div>
</div>
<label for="address">Address*</label>
<input type="text" id="address" name="address" placeholder="50 Nanyang Ave" required
maxlength="50" >
<div class="row">
<div class="col-50">
<label for="postal">Postal Code*</label>
<input type="text" id="postal" name="postal" placeholder="639798"
onchange="validatePostal()" required>
</div>
<div class="col-4"></div>
<div class="col-50">
<label for="unit">Unit No.*</label>
#<input type="text" id="floor" name="floor" placeholder="B2" required style="width: 30%; margin: 0px 10px;" onchange="validateFloor()"-<input type="text" id="unit" name="unit" placeholder="118" required style="width: 50%; margin-left: 10px;" onchange="validateUnit()">
</div>
</div>
<label for="phone">Contact Number</label>
<input type="text" id="phone" name="phone" value="<?php echo $user['phone'];?>" readonly="readonly">
</div>
</div>
</div>
<br>
<div class="container payment">
<div class="row">
<div class="col-50">
<h2 class="section-headertwo">2. Payments & Discounts</h2>
<label>Discount Code</label>
<input type="text" id="discountcode" name="discountcode" placeholder="Got any discount code?" onchange="validateDiscount()">
<label for="name">Name on Card*</label>
<input type="text" id="name" name="name" placeholder="Tiffany Ng Dan Yi" required
onchange="validateName()" maxlength="50" onkeyup="this.value = this.value.toUpperCase();">
<label for="ccnum">Credit Card Number*</label>

```

```

<input type="text" id="ccnum" name="cardnumber" placeholder="1111-2222-3333-4444"
required onchange="validateCard()">

<div class="row">
  <div class="col-50">
    <label for="expdate">Expiry Date*</label>
    <input type="number" min="0" max="12" id="expmm" name="expmm" placeholder="MM"
required style="width: 35%; margin-right: 10px;" onchange="validateMM()"/><input type="number"
id="expyy" name="expyy" placeholder="YY" required style="width: 35%; margin-left: 10px;"
onchange="validateYY()">
  </div>
  <div class="col-4"></div>
  <div class="col-50">
    <label for="cvv">CVV*</label>
    <input type="text" id="cvv" name="cvv" placeholder="352" required
onchange="validateCVV()">
  </div>
  </div>
</div>
<div class="row">
  <div class="col-75">
    <input type="submit" value="Place Order" class="btn-submit">
  </div>
  <div class="col-4"></div>
  <div class="col-25">
    <input type="button" onclick="window.location.href='cart.php'" class="btn-back"
value="Back">
  </div>
  </div>
</div>
<script>
  document.getElementById("myForm").onsubmit = chkForm;
</script>
</div>
</div>
<footer>
  <div class="footer">
    <div class="row-footer">

```

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```
<br>
Tiffany Ng | Toh Fu Hao
</div>
</div>
</footer>
```

```
</body>
```

```
</html>
```

contact.php

```
<!DOCTYPE html>
<html>
<?php
    $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

    if (mysqli_connect_errno()) {
        echo 'Error: Could not connect to database. Please try again later.';
        exit;
    }

    $sql = "SELECT price FROM product_sales ORDER BY id";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve prices". mysqli_error($conn); }
    $prices = array();
    while ($row = $result->fetch_assoc()){
        $prices[] = $row;
    }

    session_start();
    //unset($_SESSION['valid_user']);
    if (!isset($_SESSION['cart'])){
        $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
        "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
        "chocolate"=>"0");
        $_SESSION["totalQty"] = "0";
    }

    if (isset($_SESSION['valid_user'])) {
        $sql = "SELECT * FROM members WHERE email='".$_SESSION['valid_user']."' ";
        if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
        mysqli_error($conn); }
        $user = $result->fetch_assoc();
    }

    $conn -> close();

    if (isset($_POST['contact_us'])) {
        if ($_POST['phone']=='') {
            $_POST['phone'] = "NA";
        }

        // Email feedback
        $to    = 'f32ee@localhost';
        $subject = 'Feedback/Enquiry from '.$_POST['firstname'].' '.$_POST['lastname'];
```

```

$message = 'Message: '.$_POST['subject']."\r\n\r\n".'Contact Number: '.$_POST['phone'];
$headers = 'From: '.$_POST['email']. "\r\n".
'Reply-To: hello@odelicioussnack.com' . "\r\n".
'X-Mailer: PHP/' . phpversion();

mail($to, $subject, $message, $headers,'-ff32ee@localhost');

// Confirmation of feedback sent
echo "<script>alert('Your feedback/enquiry has been sent!');";
window.location.href='contact.php';</script>";
}

?>
<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-contact.css">
    <script type="text/javascript" src="javascript/contact.js"></script>
</head>
<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            
        </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
        <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
        <!-- Menu -->
        <nav class="nav">
            <ul class="menu">
                <li><a href="menu.php">Menu</a></li>
                <li><a class="active" href="contact.php">Contact</a> </li>
                <?php
                    if (isset($_SESSION['valid_user'])) {
                        echo "<li><a href='account.php'>Hi, ".$user['firstname']. "</a></li>";
                    } else {
                        echo "<li><a href='login.php'>Login</a></li>";
                    }
                ?>
                <li><a href="cart.php" class="cart">&#128722;&#xe0e;</a><span class="cart-total-quantity"><?php echo $_SESSION["totalQty"]; ?></span></li>
            </ul>
        </nav>
    </header>
    <div class="main">
        <div class="contact row">
            <div class="col-3 col-s-12 leftcolumn">
                <h2>Got a question?</h2>
                <h3>Fill up the contact form</h3>
                <ul>
                    <li><a class="icon">&#128222; +65 6791 1744</a></li>
                    <li class="email"><a href = "mailto: hello@odelicioussnack.com">✉</a>
hello@odelicioussnack.com</a></li>
                    <li><a class="icon">&#x1F4CD; 50 Nanyang Ave, 639798</a></li>
                </ul>
            </div>
            <div class="col-8 col-s-12 rightcolumn">
                <h2 class="section-header">Contact Us</h2>

```

```

<div class="container">
<form action="contact.php" method="post" id="myForm">
    <div class="col-6 col-s-12 field">
        <label for="fname">First Name*</label>
        <input type="text" id="fname" name="firstname" onchange="validateFirstName()">
        maxlength="30"
    </div>
    <div class="col-6 col-s-12 field">
        <label for="lname">Last Name</label>
        <input type="text" id="lname" name="lastname" onchange="validateLastName()">
        maxlength="30"
    </div>
    <div class="col-6 col-s-12 field">
        <label for="email">Email*</label>
        <input type="text" name="email" id="email" required onchange="validateEmail()">
    </div>
    <div class="col-6 col-s-12 field">
        <label for="phone">Contact Number</label>
        <input type="text" id="phone" name="phone" onchange="validatePhone()">
    </div>
    <div class="field">
        <label for="subject">Feedback/Enquiry*</label>
        <textarea id="subject" name="subject" placeholder="Write your message" style="height:200px" required></textarea>
    </div>
    <input type="submit" value="Submit" name="contact_us">
</form>
<script>
    document.getElementById("myForm").onsubmit = chkForm;
</script>
</div>
</div>
</div>
<footer>
    <div class="footer">
        <div class="row">
            O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
            <br>
            Tiffany Ng | Toh Fu Hao
        </div>
    </div>
</footer>
</body>
</html>

```

history.php

```

<!DOCTYPE html>
<html>
<?php
    $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

    if (mysqli_connect_errno()) {
        echo 'Error: Could not connect to database. Please try again later.';
        exit;
    }

```

```

}

session_start();
if (!isset($_SESSION['cart'])){
    $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
    "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
    "chocolate"=>"0");
    $_SESSION["totalQty"] = "0";
}

if (isset($_SESSION['valid_user'])) {
    $sql = "SELECT * FROM members WHERE email=". $_SESSION['valid_user']. "';";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info". mysqli_error($conn); }
    $user = $result->fetch_assoc();
} else {
    echo "<script>alert('Please log in to view your order history!');\n";
    echo "window.location.href='login.php';</script>";
    exit();
}

?>
<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-history.css">
</head>
<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            
        </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
        <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>

```

```

<!-- Menu -->
<nav class="nav">
    <ul class="menu">
        <li><a href="menu.php">Menu</a></li>
        <li><a href="contact.php">Contact</a> </li>
        <?php
            echo "<li><a class='active' href='account.php'>Hi, ". $user['firstname']. "</a></li>";
        ?>
        <li><a href="cart.php" class="cart">&#128722;&#xe0e;</a><span class="cart-total-quantity"><?php echo $_SESSION["totalQty"]; ?></span></li>
    </ul>
</nav>
</header>

<div class="history row">
    <div class="col-2 col-s-4 col-xs-12 leftcolumn">
        <ul>
            <li><a href="account.php">Account Details</a></li>
            <li><a href="history.php" style="color: chocolate">| Order History</a></li>
            <br>
            <li><a href="login.php?logout=yes">Log Out</a></li>
        </ul>
    </div>
    <div class="col-9 col-s-9 col-xs-12 rightcolumn">
        <h2 class="section-header">Order History</h2>

        <?php
            $sql = "SELECT orders.* FROM orders INNER JOIN members ON orders.member_id =
members.id WHERE members.email='". $_SESSION['valid_user']."' ORDER BY orders.id DESC";
            if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve info". mysqli_error($conn);
        }

        if (mysqli_num_rows($result)==0) {
            echo "<br><br><h2 class='section-header'>You have not made any orders yet.
<br><br>It's time to start ordering! <img src='css/images/smiley.png' width='50px' ></h2>";
        } else {
            echo "<table>";
            echo "<tr>";

```

```

echo "<th>No.</th>";
echo "<th>Order ID</th>";
echo "<th>Date Ordered</th>";
echo "<th>Delivery Address</th>";
echo "<th>Delivery Date & Time</th>";
echo "<th>Amount ($)</th>";
echo "<th>Status</th>";
echo "</tr>";
}

$index = 1;
while ($row = $result->fetch_assoc()) {
    echo "<tr>";
    echo "<td class='id'>$index</td>";
    echo "<td class='orderid'>".$row['id']."</td>";
    echo "<td class='orderdate'>".$row['created']."</td>";
    echo "<td class='address'>".$row['address']."</td>";
    echo "<td class='delivery'>";
    echo "<span class='ddate'>".$row['delivery_date']."</span>";
    echo "<br>";
    echo "<span class='dtime'>Between ".$row['delivery_time']."</span>";
    echo "</td>";
    echo "<td class='total'>".$row['grand_total']."</td>";
    echo "<td class='status'>".$row['status']."</td>";
    echo "</tr>";
}

$index++;
}

$conn -> close();
?>
</table>
</div>
</div>
</div>

```

```

<footer>
  <div class="footer">
    <div class="row">
      O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
      <br>
      Tiffany Ng | Toh Fu Hao
    </div>
  </div>
</footer>
</body>
</html>

```

login.php

```

<!DOCTYPE html>
<html>
<?php
  $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

  if (mysqli_connect_errno()) {
    echo 'Error: Could not connect to database. Please try again later.';
    exit;
  }

  session_start();
  if (!isset($_SESSION['cart'])){

    $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
    "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
    "chocolate"=>"0");

    $_SESSION["totalQty"] = "0";
  }

// Log out
if (isset($_GET['logout'])) {
  unset($_SESSION['valid_user']);
  header('location: ' . $_SERVER['PHP_SELF']);
  exit();
}

```

```

if (isset($_SESSION['valid_user'])) {
    if ($_SESSION['valid_user'] == 'admin') {
        echo "<script>alert('You are already logged in!');";
        window.location.href='update_orders.php';</script>";
        exit();
    }
    echo "<script>alert('You are already logged in!');";
    window.location.href='menu.php';</script>";
    exit();
}
?>

<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-login.css">
    <script type="text/javascript" src="javascript/cart.js"></script>
</head>
<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            
        </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
        <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
        <!-- Menu -->
        <nav class="nav">
            <ul class="menu">
                <li><a href="menu.php">Menu</a></li>
                <li><a href="contact.php">Contact</a> </li>
                <li><a href="login.php" class="active">Login</a></li>
                <li><a href="cart.php" class="cart">=&#128722;=&#xe0e;</a><span class="cart-total-quantity"><?php echo $_SESSION["totalQty"]; ?></span></li>
            </ul>
        </nav>
    </header>

```

```

        </ul>
    </nav>
</header>
<div class="main">
    <h1 id="login-header">Login to Order</h1>
    <?php
        if (isset($_POST['email']) && isset($_POST['password'])) {

            $email = trim($_POST['email']);
            $password = sha1(trim($_POST['password']));
            $sql = "SELECT * FROM members WHERE email='$email' AND password='$password'";
            if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
                mysqli_error($conn); }

            if ($result->num_rows >0) {
                if ($_POST['email'] == 'admin') {
                    $_SESSION['valid_user'] = $email;
                    header('location: update_orders.php');
                    exit();
                }
                $_SESSION['valid_user'] = $email;
                header('location: menu.php');
                exit();
            } else {
                echo "<div id='login-error-msg-holder'>
                    <p id='login-error-msg'>Invalid email and/or password</span></p>
                </div>";
            }
        } else {
            echo "<br><br>";
        }
    ?>
<form action="login.php" method="post" id="loginForm">
    <div>
        <label for="email">Email</label><br>
        <input type="text" name="email" id="email" required>

```

```

        </div>
        <div>
            <label for="password">Password</label><br>
            <input type="password" name="password" id="password" required>
        </div>
        <h6 class="signup">Don't have an account? <a href="signup.php">Sign Up</a></h6>
        <input type="submit" value="Login"></input>
    </form>
</div>
<footer>
    <div class="footer">
        <div class="row">
            O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
            <br>
            Tiffany Ng | Toh Fu Hao
        </div>
    </div>
</footer>
</body>
</html>

```

menu.php

```

<?php
    $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

    if (mysqli_connect_errno()) {
        echo 'Error: Could not connect to database. Please try again later.';
        exit;
    }

    $sql = "SELECT price FROM product_sales ORDER BY id";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve prices". mysqli_error($conn); }
    $prices = array();
    while ($row = $result->fetch_assoc()){
        $prices[] = $row;
    }

    session_start();
    //unset($_SESSION['valid_user']);
    if (!isset($_SESSION['cart'])){
        $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
        "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
        "chocolate"=>"0");
        $_SESSION["totalQty"] = "0";
    }

    if (isset($_SESSION['valid_user'])) {
        $sql = "SELECT * FROM members WHERE email='".$_SESSION['valid_user']."'";
```

```

        if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
mysqli_error($conn); }
$user = $result->fetch_assoc();
}

$conn -> close();

$products = array("curry", "tuna", "mushroom", "croll", "sugar", "mango", "butter", "marble", "banana",
"custard", "almond", "chocolate");

foreach ($products as $product) {
if (isset($_POST["submit_" . $product])) {
$_SESSION['totalQty'] = $_SESSION['totalQty'] + $_POST[$product];
$_SESSION['cart'][$product] = $_SESSION['cart'][$product] + $_POST[$product];
header('location: ' . $_SERVER['PHP_SELF']);
exit();
}
}

?>

<!DOCTYPE html>
<html>
<head>
<title>O' Delicious Snacks</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="css/style-menu.css">
<script type="text/javascript" src="javascript/index.js"></script>
</head>
<body>
<!-- Navigation bar -->
<header class="header">
<!-- Logo -->
<a href="menu.php" class="logo">

</a>
<!-- Hamburger icon -->
<input class="side-menu" type="checkbox" id="side-menu"/>
<label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
<!-- Menu -->
<nav class="nav">
<ul class="menu">
<li><a class="active" href="menu.php">Menu</a></li>
<li><a href="contact.php">Contact</a> </li>
<?php
    if (isset($_SESSION['valid_user'])) {
        echo "<li><a href='account.php'>Hi, " . $user['firstname'] . "</a></li>";
    } else {
        echo "<li><a href='login.php'>Login</a></li>";
    }
?>
<li><a href="cart.php" class="cart">=🛒=ฎ</a><span class="cart-total-quantity"><?php echo $_SESSION['totalQty']; ?></span></li>
</ul>
</nav>
</header>
<!-- Page Banner -->
<div class="banner">
<div class="col-6">
<h1> The Best Snacks <br> in Singapore</h1>

```

```

<h5>We take pride in selecting the finest ingredients to <br>produce <b>handmade
quality</b> snacks that are <br><b>baked fresh daily</b></h5>
<?php
if (!isset($_SESSION['valid_user'])) {
echo "<button onclick=\"window.location.href='login.php'\"><span>Login</span></button>";
}
?>
</div>
<div class="col-6">
<img class="puff" src ="css/images/banner.png" no-repeat;>
</div>
</div>
<div class="order">
<div class="menutype">
<h1>O' Traditional</h1>
<h3>You can never have enough of these nostalgic delicacies and traditional Singaporean
snacks, which have been passed down from generation to generation!</h3>
</div>
<div class="row">
<div class="col-4 col-s-6 col-xs-12">
<form id="curry" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Curry O'Puff</h2>
<p class="shop-item-price">$<?php echo $prices[0]["price"]; ?></p>
<div class="counter">
<input name="curry" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_curry"
value="Add To Cart"></p>
</form>
</div>
<div class="col-4 col-s-6 col-xs-12">
<form id="tuna" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Tuna O'Puff</h2>
<p class="shop-item-price">$<?php echo $prices[1]["price"]; ?></p>
<div class="counter">
<input name="tuna" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_tuna"
value="Add To Cart"></p>
</form>
</div>
<div class="col-4 col-s-6 col-xs-12">
<form id="mushroom" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Mushroom O'Puff</h2>
<p class="shop-item-price">$<?php echo $prices[2]["price"]; ?></p>
<div class="counter">
<input name="mushroom" type="number" value="0" min="0" max="99">
</div>
</div>

```

```

<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_mushroom"
value="Add To Cart"></p>
</form>
</div>
</div>
</div>
<div class="order">
<div class="menutype">
<h1>O' Roll</h1>
<h3>Light, airy sponge gently wrapping a generous amount of cream that does not leave an
aftertaste. Handmade, freshly baked and a daily regular sold-out.</h3>
</div>
<div class="row">
<div class="col-4 col-s-6 col-xs-12">
<form id="croll" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Chocolate O'Roll</h2>
<p class="shop-item-price">$<?php echo $prices[3]["price"]; ?></p>
<div class="counter">
<input name="croll" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_croll"
value="Add To Cart"></p>
</form>
</div>
<div class="col-4 col-s-6 col-xs-12">
<form id="sugar" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Sugar O'Roll</h2>
<p class="shop-item-price">$<?php echo $prices[4]["price"]; ?></p>
<div class="counter">
<input name="sugar" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_sugar"
value="Add To Cart"></p>
</form>
</div>
<div class="col-4 col-s-6 col-xs-12">
<form id="mango" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Mango Ring O'Roll</h2>
<p class="shop-item-price">$<?php echo $prices[5]["price"]; ?></p>
<div class="counter">
<input name="mango" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_mango"
value="Add To Cart"></p>
</form>
</div>

```

```

</div>
</div>
<div class="order">
<div class="menutype">
<h1>O' Block Cake</h1>
<h3>With one bite, you can taste the fragrance of butter that lingers in your mouth that makes you reach out for another bite.</h3>
</div>
<div class="row">
<div class="col-4 col-s-6 col-xs-12">
<form id="butter" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Butter Block</h2>
<p class="shop-item-price">$<?php echo $prices[6]["price"]; ?></p>
<div class="counter">
<input name="butter" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_butter" value="Add To Cart"></p>
</form>
</div>
<div class="col-4 col-s-6 col-xs-12">
<form id="marble" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Marble Butter Block</h2>
<p class="shop-item-price">$<?php echo $prices[7]["price"]; ?></p>
<div class="counter">
<input name="marble" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_marble" value="Add To Cart"></p>
</form>
</div>
<div class="col-4 col-s-6 col-xs-12">
<form id="banana" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Banana Walnut Block</h2>
<p class="shop-item-price">$<?php echo $prices[8]["price"]; ?></p>
<div class="counter">
<input name="banana" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_banana" value="Add To Cart"></p>
</form>
</div>
</div>
<div class="order">
<div class="menutype">
<h1>O' Seasonal</h1>

```

```

<h3>Our very own home-made seasonal snacks are just as delectable as our other favorite
snacks!</h3>
</div>
<div class="row">
<div class="col-4 col-s-6 col-xs-12">
<form id="custard" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Custard Puff</h2>
<p class="shop-item-price">$<?php echo $prices[9]["price"]; ?></p>
<div class="counter">
<input name="custard" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_custard"
value="Add To Cart"></p>
</form>
</div>
<div class="col-4 col-s-6 col-xs-12">
<form id="almond" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Almond Pineapple Tart</h2>
<p class="shop-item-price">$<?php echo $prices[10]["price"]; ?></p>
<div class="counter">
<input name="almond" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_almond"
value="Add To Cart"></p>
</form>
</div>
<div class="col-4 col-s-6 col-xs-12">
<form id="chocolate" method="post" action="menu.php">
<div class="card">

<h2 class="shop-item-title">Chocolate Eclair Slice</h2>
<p class="shop-item-price">$<?php echo $prices[11]["price"]; ?></p>
<div class="counter">
<input name="chocolate" type="number" value="0" min="0" max="99">
</div>
</div>
<br>
<p class="add"><input class="shop-item-button" type="submit" name="submit_chocolate"
value="Add To Cart"></p>
</form>
</div>
</div>
</div>
<footer>
<div class="footer">
<div class="row">
O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
<br>
Tiffany Ng | Toh Fu Hao
</div>
</div>

```

```
</footer>
</body>
</html>
```

order.php

```
<!DOCTYPE html>
<html>
<?php
    date_default_timezone_set('Asia/Singapore');

    $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

    if (mysqli_connect_errno()) {
        echo 'Error: Could not connect to database. Please try again later.';
        exit;
    }

    $sql = "SELECT name, price FROM product_sales ORDER BY id";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve prices". mysqli_error($conn); }
    $prices = array();
    while ($row = $result->fetch_assoc()){
        $prices[] = $row;
    }

    session_start();
    if (!isset($_SESSION['cart'])){
        $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
        "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
        "chocolate"=>"0");
        $_SESSION["totalQty"] = "0";
    }

    if (isset($_SESSION['valid_user'])) {
        $sql = "SELECT * FROM members WHERE email='". $_SESSION['valid_user']. "'";
        if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
        mysqli_error($conn); }
        $user = $result->fetch_assoc();
    } else {
        echo "<script>alert('How did you get here? Please log in and order (:';
        window.location.href='login.php';</script>";
        exit();
    }

    if ($_SESSION['totalQty']==0) {
        echo "<script>alert('No order was placed as your previous order has been confirmed!');
        window.location.href='menu.php';</script>";
        exit();
    }

    $products = array("curry", "tuna", "mushroom", "croll", "sugar", "mango", "butter", "marble", "banana",
    "custard", "almond", "chocolate");

    // Check if discount is applied
```

```

if ($_POST['discountcode']=='freedelivery' || $_POST['discountcode']=='FREEDELIVERY') {
    $delivery_fee = 0;
} else {
    $delivery_fee = 4;
}

// Insert new record into orders
$member_id = $user['id'];
$grand_total = $_SESSION['totalPrice'] + $delivery_fee;
$created = date('y-m-d H:i:s');
$date = $_POST['date'];
$time = $_POST['time'];
$address = trim($_POST['address']);
$postal = trim($_POST['postal']);
$floor = trim($_POST['floor']);
$unit = trim($_POST['unit']);
$address .= "#".$floor."-".$unit." S(\".$postal.")";

$sql = "INSERT INTO orders (member_id, grand_total, created, delivery_date, delivery_time,
address) VALUES ('$member_id', '$grand_total', '$created', '$date', '$time', '$address')";
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to insert order". mysqli_error($conn); }

// Retrieve order_id
$sql = "SELECT id FROM orders WHERE created = '$created'";
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
mysqli_error($conn); }
$order = $result->fetch_assoc();
$order_id = $order['id'];

// Insert each product sale into order_items & Update product_sales
$index = 0;
foreach ($_SESSION['cart'] as $product => $qty) {
    if (!empty($_SESSION['cart'][$product])) {
        $product_name = $prices[$index]['name'];
        $product_price = $prices[$index]['price'];
        $product_total = $qty*$prices[$index]['price'];

        $sql = "INSERT INTO order_items (order_id, name, price, quantity, total_price) VALUES
($order_id, \"$product_name\", $product_price, $qty, $product_total)";
        if (!$result = mysqli_query($conn, $sql)) { echo "Failed to insert order". mysqli_error($conn); }

        $sql = "UPDATE product_sales SET quantity = quantity + $qty, total_price = total_price +
$product_total WHERE id = $index + 1";
        if (!$result = mysqli_query($conn, $sql)) { echo "Failed to insert order". mysqli_error($conn); }

        $index++;
    } else {
        $index++;
    }
}

// Send email confirmation
$to      = 'f32ee@localhost';
$subject = 'Order Confirmed';

```

```

$message = 'Dear Customer,'."\r\n\r\n".'Your order (ID: '.$order_id.') has been confirmed. It will
reach you on '.$date.', '.$time.'. '.'.\r\n\r\n'. 'Thank you!'.'\r\n\r\n'. 'Best Regards,'."\r\n". 'O\' Delicious
Snacks';
$headers = 'From: orders@odelicioussnack.com' . "\r\n".
'Reply-To: ' . $_SESSION['valid_user'] . "\r\n".
'X-Mailer: PHP/' . phpversion();

mail($to, $subject, $message, $headers, '-ff32ee@localhost');

// Unset cart
unset($_SESSION['cart']);
$_SESSION['totalPrice'] = 0;
$_SESSION['totalQty'] = 0;
?>
<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-thankyou.css">
</head>
<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            
        </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
        <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
        <!-- Menu -->
        <nav class="nav">
            <ul class="menu">
                <li><a href="menu.php">Menu</a></li>
                <li><a href="contact.php">Contact</a> </li>
                <?php
                    if (isset($_SESSION['valid_user'])) {
                        echo "<li><a href='account.php'>Hi, " . $user['firstname'] . "</a></li>";
                    } else {
                        echo "<li><a href='login.php'>Login</a></li>";
                    }
                ?>
                <li><a href="cart.php" class="cart"> 🛒 &#xe0e;</a><span class="cart-total-quantity"><?php echo $_SESSION["totalQty"]; ?></span></li>
            </ul>
        </nav>
    </header>
    <div class='main'>
        <section class='empty-cart'>
            <h1 id='thank-header'>
                Thank You!
            </h1>
            <h3 class='complete'>Your order was completely successfully </h3>
    
```

```

<p class='detail'> Details about your order have been sent to the email address provided. Please
keep it for your records.</p>
<p class='detail'>You can visit <a href='history.php'>order history page</a> to check the status of
your order.</p>
</section>
</div>
<script type="text/javascript" src="javascript/cart.js"></script>
<footer>
  <div class="footer">
    <div class="row">
      O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
      <br>
      Tiffany Ng | Toh Fu Hao
    </div>
  </div>
</footer>
</body>
</html>

```

price_update.php

```

<!DOCTYPE html>
<html>
<?php
  $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

  if (mysqli_connect_errno()) {
    echo 'Error: Could not connect to database. Please try again later.';
    exit;
  }

  session_start();
  if (!isset($_SESSION['cart'])){
    $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
    "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
    "chocolate"=>"0");
    $_SESSION["totalQty"] = "0";
  }

  if ($_SESSION['valid_user'] != 'admin') {
    echo "<script>alert('Only Admins Allowed!');";
    window.location.href='menu.php';</script>";
    exit();
  }

  $products = array("curry", "tuna", "mushroom", "croll", "sugar", "mango", "butter", "marble", "banana",
  "custard", "almond", "chocolate");

  foreach ($products as $key => $product) {
    if (isset($_POST["update".$product])) {
      if ($_POST[$product."price"]<=0) {
        echo "<script>alert('Please enter a positive price!');";
        window.location.href='price_update.php';</script>";
        exit();
      }
      $id = $key + 1;
      $sql = "UPDATE product_sales SET price = ".$_POST[$product."price"]." WHERE id = $id";
      if (!$result = mysqli_query($conn, $sql)) { echo "Failed to update price". mysqli_error($conn); }
      header('location: '. $_SERVER['PHP_SELF']);
    }
  }

```

```

        exit();
    }
}

?>
<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-price-update.css">
</head>
<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            
        </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
        <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
        <!-- Menu -->
        <nav class="nav">
            <ul class="menu">
                <li><a>Admin Mode</a></li>
            </ul>
        </nav>
    </header>
    <div class="history row">
        <div class="col-2 col-s-4 col-xs-12 leftcolumn">
            <ul>
                <li><a href="update_orders.php">Update Order Status</a></li>
                <li><a href="price_update.php" style="color: chocolate">| Update Menu Prices</a></li>
                <li><a href="reports.php">Sales Report</a></li>
                <br>
                <li><a href="login.php?logout=yes">Log Out</a></li>
            </ul>
        </div>
        <div class="col-9 col-s-12 col-xs-12 rightcolumn">
            <h2 class="section-header">Update Menu Prices</h2>
            <table>
                <tr>
                    <th>No.</th>
                    <th>Product Name</th>
                    <th>Product Category</th>
                    <th>Product Price ($)</th>
                    <th>New Price ($)</th>
                    <th> </th>
                </tr>
                <?php
                    $sql = "SELECT name, price, category FROM product_sales ORDER BY id";
                    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve prices".
                    mysqli_error($conn); }

                    $index = 1;
                    while ($row = $result->fetch_assoc()){

                        echo "<tr>";
                        echo "<td class='id'>$index</td>";
                        echo "<td class='name'>".$row['name']."</td>";
                        echo "<td class='category'>".$row['category']."</td>";
                        echo "<td class='price'>".$row['price']."</td>";
                        echo "<form method='post' action='price_update.php'>";


```

```

        echo "<td class='newprice'><input type='text' class='input-price'
name='".$products[$index-1].".price' size='10'></td>";
        echo "<td class='submit'><input type='submit' class='btn'
name='update'".$products[$index-1]." value='Update'></td></form>";
        echo "</tr>";

        $index++;
    }

    $conn -> close();
?>
</table>
</div>
</div>
</div>
<footer style="padding-top: 50px;">
<div class="footer">
<div class="row">
    O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
    <br>
    Tiffany Ng | Toh Fu Hao
</div>
</div>
</div>
</div>
</body>
</html>

```

reports.php

```

<!DOCTYPE html>
<html>
<?php
    $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

    if (mysqli_connect_errno()) {
        echo 'Error: Could not connect to database. Please try again later.';
        exit;
    }

    session_start();
    if (!isset($_SESSION['cart'])){
        $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
        "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
        "chocolate"=>"0");
        $_SESSION["totalQty"] = "0";
    }

    if ($_SESSION['valid_user'] != 'admin') {
        echo "<script>alert('Only Admins Allowed!');window.location.href='menu.php';</script>";
        exit();
    }

    $products = array("curry", "tuna", "mushroom", "croll", "sugar", "mango", "butter", "marble", "banana",
    "custard", "almond", "chocolate");

?>
<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-price-update.css">
</head>

```

```

<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            
        </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
        <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
        <!-- Menu -->
        <nav class="nav">
            <ul class="menu">
                <li><a>Admin Mode</a></li>
            </ul>
        </nav>
    </header>
    <div class="history row">
        <div class="col-2 col-s-4 col-xs-12 leftcolumn">
            <ul>
                <li><a href="update_orders.php">Update Order Status</a></li>
                <li><a href="price_update.php" >Update Menu Prices</a></li>
                <li><a href="reports.php" style="color: chocolate">| Sales Report</a></li>
                <br>
                <li><a href="login.php?logout=yes">Log Out</a></li>
            </ul>
        </div>
        <div class="col-9 col-s-12 col-xs-12 rightcolumn">
            <h2 class="section-header">Best Selling Products</h2>
            <table>
                <tr>
                    <th>No.</th>
                    <th>Product Name</th>
                    <th>Product Category</th>
                    <th>Quantity Sold</th>
                    <th>Total Sales</th>
                </tr>
            <?php
                $sql = "SELECT * FROM product_sales ORDER BY total_price DESC";
                if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve prices". mysqli_error($conn); }

                $index = 1;
                while ($row = $result->fetch_assoc()){
                    echo "<tr>";
                    echo "<td class='id'>$index</td>";
                    echo "<td class='name'>".$row['name']. "</td>";
                    echo "<td class='category'>".$row['category']. "</td>";
                    echo "<td class='price'>".$row['quantity']. "</td>";
                    echo "<td class='price'>".$row['total_price']. "</td>";
                    echo "</tr>";

                    $index++;
                }
            ?>
            </table>
            <br><br>
            <h2 class="section-header">Best Selling Categories</h2>
            <table>
                <tr>
                    <th>Product Category</th>
                    <th>Total Quantity Sold</th>

```

```

<th>Total Sales</th>
</tr>
<?php
    $sql = "SELECT * FROM product_sales ORDER BY id";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve prices".
    mysqli_error($conn); }

    $trad_qty=0;$sea_qty=0;$chic_qty=0;$dess_qty=0;
    $trad_price=0;$sea_price=0;$chic_price=0;$dess_price=0;

    while ($row = $result->fetch_assoc()){
        if ($row['category'] == "O' Traditional") {
            $trad_qty+=$row['quantity'];
            $trad_price+=$row['total_price'];
        }
        if ($row['category'] == "O' Roll") {
            $sea_qty+=$row['quantity'];
            $sea_price+=$row['total_price'];
        }
        if ($row['category'] == "O' Block Cake") {
            $chic_qty+=$row['quantity'];
            $chic_price+=$row['total_price'];
        }
        if ($row['category'] == "O' Seasonal") {
            $dess_qty+=$row['quantity'];
            $dess_price+=$row['total_price'];
        }
    }

    $totals = array('trad'=>$trad_price, 'sea'=>$sea_price, 'chic'=>$chic_price,
'dess'=>$dess_price);

    arsort($totals);

    foreach ($totals as $cat => $value) {
        if ($cat == 'trad') {
            echo "<tr>";
            echo "<td class='category'>O' Traditional</td>";
            echo "<td class='price'>".$trad_qty."</td>";
            echo "<td class='price'>".number_format($value,2)."</td>";
            echo "</tr>";
        }
        if ($cat == 'sea') {
            echo "<tr>";
            echo "<td class='category'>O' Roll</td>";
            echo "<td class='price'>".$sea_qty."</td>";
            echo "<td class='price'>".number_format($value,2)."</td>";
            echo "</tr>";
        }
        if ($cat == 'chic') {
            echo "<tr>";
            echo "<td class='category'>O' Block Cake</td>";
            echo "<td class='price'>".$chic_qty."</td>";
            echo "<td class='price'>".number_format($value,2)."</td>";
            echo "</tr>";
        }
        if ($cat == 'dess') {
            echo "<tr>";
            echo "<td class='category'>O' Seasonal</td>";
            echo "<td class='price'>".$dess_qty."</td>";
            echo "<td class='price'>".number_format($value,2)."</td>";
            echo "</tr>";
        }
    }
}

```

```

        }
    }

    $conn -> close();
?>
</table>

</div>
</div>
<footer>
<div class="footer">
<div class="row">
    O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
    <br>
    Tiffany Ng | Toh Fu Hao
</div>
</div>
</footer>
</body>
</html>

```

signup.php

```

<!DOCTYPE html>
<html>
<?php
    $conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

    if (mysqli_connect_errno()) {
        echo 'Error: Could not connect to database. Please try again later.';
        exit;
    }

    session_start();
    if (!isset($_SESSION['cart'])){
        $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
        "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
        "chocolate"=>"0");
        $_SESSION["totalQty"] = "0";
    }

    //unset($_SESSION['valid_user']);
    if (isset($_SESSION['valid_user'])) {
        echo "<script>alert('You are already logged in!');";
        window.location.href='menu.php';</script>";
        exit();
    }

    if (isset($_POST['email'])) {
        $email = trim($_POST['email']);

        $sql = "SELECT * FROM members WHERE email='$email'";
        if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
        mysqli_error($conn); }

        //Check if email is used
        if ($result->num_rows>0) {
            echo "<script>alert('An account with the same email exists. Please sign up with another
            email!');window.location.href='signup.php';</script>";
            exit();
        }
    }
}

```

```

}

$firstname = trim($_POST['firstName']);
$lastname = trim($_POST['lastName']);
$phone = trim($_POST['phone']);
$password = sha1(trim($_POST['psw']));

//Register member into database
$sql = "INSERT INTO members (email, password, firstname, lastname, phone)
VALUES ('$email', '$password', '$firstname', '$lastname', '$phone')";
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve member info".
mysql_error($conn); }

echo "<script>alert('You have successfully signed up for an account. Please log in to
order!');window.location.href='login.php';</script>";
}

?>
<head>
<title>O' Delicious Snacks</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="css/style-signup.css">
<script type="text/javascript" src="javascript/signup.js"></script>
</head>
<body>
<!-- Navigation bar -->
<header class="header">
    <!-- Logo -->
    <a href="menu.php" class="logo">
        
    </a>
    <!-- Hamburger icon -->
    <input class="side-menu" type="checkbox" id="side-menu"/>
    <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
    <!-- Menu -->
    <nav class="nav">
        <ul class="menu">
            <li><a href="menu.php">Menu</a></li>
            <li><a href="contact.php">Contact</a> </li>
            <li><a href="login.php">Login</a></li>
            <li><a href="cart.php" class="cart">&#128722;&#xe0e; </a><span class="cart-total-
quantity"><?php echo $_SESSION["totalQty"]; ?></span></li>
        </ul>
    </nav>
</header>
<div class="main">
    <h1 id="signup-header">Sign Up for an Account</h1>
    <form action="signup.php" method="post" id="myForm">
        <div class="container">
            <p class="formp">Please fill every field in this form to create an account.</p>
            <div class="row">
                <div class="col-6 field col-xs-12">
                    <label for="firstName">First Name</label>
                    <input type="text" id="firstName" name="firstName" onchange="validateFirstName()">
                    maxlength="30" required>
                </div>
                <div class="col-6 field col-xs-12">
                    <label for="lastName">Last Name</label>
                    <input type="text" id="lastName" name="lastName" onchange="validateLastName()">
                    maxlength="30" required>
                </div>
            </div>
        </div>
    </form>
</div>

```

```

        </div>
    </div>
    <div class="row field">
        <label for="email">Email</label>
        <input type="text" name="email" id="email" onchange="validateEmail()" required>
    </div>
    <div class="row field">
        <label for="phone">Contact Number</label>
        <input type="text" id="phone" name="phone" onchange="validatePhone()" required>
    </div>
    <div class="row field">
        <label for="psw">Password</label>
        <input type="password" id="psw" name="psw" pattern="(?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,}" title="Must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters" required>
    </div>
    <div id="message">
        <h3>Password must contain the following:</h3>
        <p id="letter" class="invalid">A <b>lowercase</b> letter</p>
        <p id="capital" class="invalid">A <b>capital (uppercase)</b> letter</p>
        <p id="number" class="invalid">A <b>number</b></p>
        <p id="length" class="invalid">Minimum <b>8 characters</b></p>
    </div>
    <div class="row field">
        <label for="psw-repeat">Repeat Password</label>
        <input type="password" name="psw-repeat" id="psw-repeat" required>
    </div>
</div>
<div class="row field">
    <p class="formp">Already have an account? <a href="login.php">Log in</a></p>
    <br>
    <button type="submit">Sign Up</button>
</div>
</form>

<script>
var myInput = document.getElementById("psw");
var letter = document.getElementById("letter");
var capital = document.getElementById("capital");
var number = document.getElementById("number");
var length = document.getElementById("length");

// When the user clicks on the password field, show the message box
myInput.onfocus = function() {
    document.getElementById("message").style.display = "block";
}

// When the user clicks outside of the password field, hide the message box
myInput.onblur = function() {
    document.getElementById("message").style.display = "none";
}

// When the user starts to type something inside the password field
//onkeyup: Execute a JavaScript when a user releases a key
myInput.onkeyup = function() {
    // Validate lowercase letters
    //The "g" modifier specifies a global match.
    //A global match finds all matches (compared to only the first)
    var lowerCaseLetters = /[a-z]/g;
    if(myInput.value.match(lowerCaseLetters)) {
        letter.classList.remove("invalid");
        letter.classList.add("valid");
    }
}

```

```

} else {
  letter.classList.remove("valid");
  letter.classList.add("invalid");
}

// Validate capital letters
var upperCaseLetters = /[A-Z]/g;
if(myInput.value.match(upperCaseLetters)) {
  capital.classList.remove("invalid");
  capital.classList.add("valid");
} else {
  capital.classList.remove("valid");
  capital.classList.add("invalid");
}

// Validate numbers
var numbers = /[0-9]/g;
if(myInput.value.match(numbers)) {
  number.classList.remove("invalid");
  number.classList.add("valid");
} else {
  number.classList.remove("valid");
  number.classList.add("invalid");
}

// Validate length
if(myInput.value.length >= 8) {
  length.classList.remove("invalid");
  length.classList.add("valid");
} else {
  length.classList.remove("valid");
  length.classList.add("invalid");
}

//checking when they try to submit
document.getElementById("myForm").onsubmit = chkForm;
</script>
</div>
<footer>
<div class="footer">
<div class="row">
  O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
  <br>
  Tiffany Ng | Toh Fu Hao
</div>
</div>
</footer>
</body>
</html>

```

update_orders.php

```

<!DOCTYPE html>
<html>
<?php
$conn = mysqli_connect("localhost", "root", "", "o_delicious_snacks");

if (mysqli_connect_errno()) {
  echo 'Error: Could not connect to database. Please try again later.';
  exit;
}

session_start();

```

```

if (!isset($_SESSION['cart'])) {
    $_SESSION['cart'] = array("curry"=>"0", "tuna"=>"0", "mushroom"=>"0", "croll"=>"0", "sugar"=>"0",
    "mango"=>"0", "butter"=>"0", "marble"=>"0", "banana"=>"0", "custard"=>"0", "almond"=>"0",
    "chocolate"=>"0");
    $_SESSION["totalQty"] = "0";
}

if (!isset($_SESSION['order_id_list'])) {
    $_SESSION['order_id_list'] = "";
}

if ($_SESSION['valid_user'] != 'admin') {
    echo "<script>alert('Only Admins Allowed!');  
window.location.href='menu.php';</script>";
    exit();
}

$products = array("curry", "tuna", "mushroom", "croll", "sugar", "mango", "butter", "marble", "banana",
"custard", "almond", "chocolate");

if ($_SESSION['order_id_list'] != "") {
    // Check which order ID update button is pressed by matching $_SESSION['order_id_list']
    foreach ($_SESSION['order_id_list'] as $order_id) {
        if (isset($_POST["update"][$order_id])) {
            $sql = "SELECT orders.* , members.email FROM orders INNER JOIN members ON
orders.member_id = members.id WHERE orders.id = '$order_id'";
            if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve info". mysqli_error($conn); }

            while ($row = $result->fetch_assoc()) {
                if ($row['status'] == 'Confirmed') {
                    $sql_update = "UPDATE orders SET status = 'Out for Delivery' WHERE id = '$order_id'";
                    if (!$update = mysqli_query($conn, $sql_update)) { echo "Failed to update status".
                    mysqli_error($conn); }

                    // Send email update
                    $to      = 'f32ee@localhost';
                    $subject = 'Order Out for Delivery';
                    $message = 'Dear Customer,'."\r\n\r\n". 'Your order (ID: '.$order_id.') is out for delivery. It will
reach you on '.$row['delivery_date'].', '.$row['delivery_time'].'.\r\n'. 'Thank you!' . "\r\n\r\n". 'Best
Regards,'."\r\n". 'O\' Delicious Snacks';
                    $headers = 'From: orders@odelicioussnack.com' . "\r\n" .
                    'Reply-To: ' . $row['email'] . "\r\n" .
                    'X-Mailer: PHP/' . phpversion();

                    mail($to, $subject, $message, $headers, '-ff32ee@localhost');

                    header('location: ' . $_SERVER['PHP_SELF']);
                    exit();
                }
            }

            if ($row['status'] == 'Out for Delivery') {
                $sql_update = "UPDATE orders SET status = 'Delivered' WHERE id = '$order_id'";
                if (!$update = mysqli_query($conn, $sql_update)) { echo "Failed to update status".
                mysqli_error($conn); }

                // Send email update
                $to      = 'f32ee@localhost';
                $subject = 'Order Delivered';
                $message = 'Dear Customer,'."\r\n\r\n". 'Your order (ID: '.$order_id.') has been
delivered.'."\r\n\r\n". 'Do let us know immediately if you have not received your order. Thank
you!' . "\r\n\r\n". 'Best Regards,'."\r\n". 'O\' Delicious Snacks';
                $headers = 'From: orders@odelicioussnack.com' . "\r\n".
            }
        }
    }
}

```

```

'Reply-To: ' . $row['email'] . "\r\n" .
'X-Mailer: PHP/' . phpversion();

mail($to, $subject, $message, $headers,'-ff32ee@localhost');

header('location: ' . $_SERVER['PHP_SELF']);
exit();
}
}

$sql = "UPDATE product_sales SET price = ".$_POST[$product."price"]." WHERE id = $id";
if (!$result = mysqli_query($conn, $sql)) { echo "Failed to update price". mysqli_error($conn); }
header('location: ' . $_SERVER['PHP_SELF']);
exit();
}
}

?>
<head>
    <title>O' Delicious Snacks</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="css/style-price-update.css">
</head>
<body>
    <!-- Navigation bar -->
    <header class="header">
        <!-- Logo -->
        <a href="menu.php" class="logo">
            
        </a>
        <!-- Hamburger icon -->
        <input class="side-menu" type="checkbox" id="side-menu"/>
        <label class="hamb" for="side-menu"><span class="hamb-line"></span></label>
        <!-- Menu -->
        <nav class="nav">
            <ul class="menu">
                <li><a>Admin Mode</a></li>
            </ul>
        </nav>
    </header>
    <div class="history row">
        <div class="col-2 col-s-4 col-xs-12 leftcolumn">
            <ul>
                <li><a href="update_orders.php" style="color: chocolate">| Update Order Status</a></li>
                <li><a href="price_update.php">Update Menu Prices</a></li>
                <li><a href="reports.php">Sales Report</a></li>
                <br>
                <li><a href="login.php?logout=yes">Log Out</a></li>
            </ul>
        </div>
        <div class="col-9 col-s-12 col-xs-12 rightcolumn">
            <h2 class="section-header">Update Order Status</h2>
            <table>
                <tr>
                    <th>Order ID</th>
                    <th>Member Email</th>
                    <th>Date Ordered</th>
                    <th>Delivery Address</th>
                    <th>Delivery Date & Time</th>
                    <th>Amount ($)</th>
                    <th>Status</th>

```

```

<th></th>
</tr>
<?php
    $sql = "SELECT orders.* , members.email FROM orders INNER JOIN members ON
orders.member_id = members.id ORDER BY orders.id DESC";
    if (!$result = mysqli_query($conn, $sql)) { echo "Failed to retrieve info". mysqli_error($conn);
}

while ($row = $result->fetch_assoc()){
    echo "<tr>";
    echo "<td class='orderid'>".$row['id']."</td>";
    echo "<td class='address'>".$row['email']."</td>";
    echo "<td class='orderdate'>".$row['created']."</td>";
    echo "<td class='address'>".$row['address']."</td>";
    echo "<td class='delivery'>";
    echo "<span class='ddate'>".$row['delivery_date']."</span>";
    echo "<br>";
    echo "<span class='dtime'>Between ".$row['delivery_time']."</span>";
    echo "</td>";
    echo "<td class='total'>".$row['grand_total']."</td>";
    echo "<td class='status'>".$row['status']."</td>";
    echo "<form method='post' action='update_orders.php'>";
    if ($row['status'] == 'Delivered') {
        echo "<td class='submit'><input type='submit' class='btn-disabled'
name='update'".$row['id']."' value='Update Status' disabled></td></form>";
    } else {
        echo "<td class='submit'><input type='submit' class='btn' name='update'".$row['id']."' value='Update Status'></td></form>";
    }
    echo "</tr>";
}

$order_id_list[] = $row['id'];
}

$_SESSION['order_id_list'] = $order_id_list;

$conn -> close();
?>
</table>
</div>
</div>
</body>
<footer>
<div class="footer">
<div class="row">
    O' Delicious Snacks Copyright © 2022 - IE4717 Web App Design. All rights reserved.
    <br>
    Tiffany Ng | Toh Fu Hao
</div>
</div>
</footer>

</html>

```

[o_delicious_snacks.sql](#)

```

drop database o_delicious_snacks;
create database o_delicious_snacks;

use o_delicious_snacks;

-- phpMyAdmin SQL Dump

```

```

-- version 5.2.0
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Nov 01, 2022 at 09:42 PM
-- Server version: 10.4.24-MariaDB
-- PHP Version: 8.1.6

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `o_delicious_snacks`
--

-----
-- Table structure for table `members`
--

CREATE TABLE `members` (
  `id` int(5) UNSIGNED ZEROFILL NOT NULL,
  `email` varchar(255) NOT NULL,
  `password` varchar(50) NOT NULL,
  `firstname` varchar(50) NOT NULL,
  `lastname` varchar(50) NOT NULL,
  `phone` varchar(8) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--
-- Dumping data for table `members`
--

INSERT INTO `members` (`id`, `email`, `password`, `firstname`, `lastname`, `phone`) VALUES
(00000, 'admin', sha1("adm1nadm1n"), "", "", ""),
(00001, 'john@email.com', sha1("Passw0rd"), 'John', 'Tan', '99998888'),
(00002, 'jack@email.com', sha1("Passw0rd"), 'Jack', 'Lee', '81239123'),
(00003, 'jane@email.com', sha1("Passw0rd"), 'Jane', 'Ng', '92348234');

-----
-- Table structure for table `orders`
--

CREATE TABLE `orders` (
  `id` int(5) UNSIGNED ZEROFILL NOT NULL,
  `member_id` int(5) UNSIGNED ZEROFILL NOT NULL,
  `grand_total` double(6,2) NOT NULL,
  `created` datetime NOT NULL,
  `delivery_date` varchar(50) NOT NULL,
  `delivery_time` varchar(50) NOT NULL,
  `address` varchar(255) NOT NULL,

```

```

`status` enum('Confirmed','Out for Delivery','Delivered','Cancelled') NOT NULL DEFAULT
'Confirmed'
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- 
-- Dumping data for table `orders`
-- 

INSERT INTO `orders` (`id`, `member_id`, `grand_total`, `created`, `delivery_date`, `delivery_time`,
`address`, `status`) VALUES
(00001, 00001, 12.70, '2022-10-01 20:45:38', '2022-10-02', '12pm to 3pm', 'Blk 609 Bukit Panjang
Street #15-902 S(670609)', 'Delivered'),
(00002, 00002, 7.10, '2022-10-03 20:53:00', '2022-10-04', '3pm to 6pm', 'Blk 812 Choa Chu Kang Ave
7 #12-637 S(681812)', 'Delivered'),
(00003, 00003, 12.80, '2022-10-04 20:54:39', '2022-10-06', '9am to 12pm', '50 Nanyang Ave #B3-08
S(639798)', 'Delivered'),
(00004, 00001, 6.00, '2022-10-06 20:56:24', '2022-10-07', '12pm to 3pm', 'Blk 609 Bukit Panjang
Street #15-902 S(670609)', 'Delivered'),
(00005, 00002, 12.70, '2022-11-10 20:57:36', '2022-10-11', '6pm to 9pm', 'Blk 812 Choa Chu Kang
Ave 7 #12-637 S(681812)', 'Delivered'),
(00006, 00003, 11.10, '2022-10-13 20:59:47', '2022-10-16', '12pm to 3pm', '50 Nanyang Ave #B3-08
S(639798)', 'Delivered'),
(00007, 00001, 12.80, '2022-10-15 21:04:33', '2022-10-17', '6pm to 9pm', 'Blk 609 Bukit Panjang
Street #15-902 S(670609)', 'Delivered'),
(00008, 00002, 6.00, '2022-10-20 21:06:38', '2022-10-22', '6pm to 9pm', 'Blk 812 Choa Chu Kang Ave
7 #12-637 S(681812)', 'Delivered'),
(00009, 00001, 12.70, '2022-10-24 21:08:56', '2022-10-25', '3pm to 6pm', 'Blk 609 Bukit Panjang
Street #15-902 S(670609)', 'Delivered'),
(00010, 00003, 11.10, '2022-10-26 21:16:07', '2022-10-27', '3pm to 6pm', '50 Nanyang Ave #B3-08
S(639798)', 'Delivered'),
(00011, 00003, 8.80, '2022-10-31 21:19:38', '2022-11-02', '3pm to 6pm', '50 Nanyang Ave #B3-08
S(639798)', 'Confirmed'),
(00012, 00002, 6.00, '2022-11-01 21:21:22', '2022-11-04', '6pm to 9pm', 'Blk 812 Choa Chu Kang Ave
7 #12-637 S(681812)', 'Confirmed');

-----


-- 
-- Table structure for table `order_items`
-- 

CREATE TABLE `order_items` (
`id` int(10) UNSIGNED NOT NULL,
`order_id` int(5) UNSIGNED ZEROFILL NOT NULL,
`name` varchar(50) NOT NULL,
`price` double(6,2) NOT NULL,
`quantity` int(10) UNSIGNED DEFAULT NULL,
`total_price` double(6,2) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

-- 
-- Dumping data for table `order_items`
-- 

INSERT INTO `order_items` (`id`, `order_id`, `name`, `price`, `quantity`, `total_price`) VALUES
(1, 00001, 'Curry O\Puff', 2.90, 1, 2.90),
(2, 00001, 'Tuna O\Puff', 2.90, 1, 2.90),
(3, 00001, 'Mushroom O\Puff', 2.90, 1, 2.90),
(4, 00002, 'Chocolate O\Roll', 2.10, 1, 2.10),
(5, 00002, 'Sugar O\Roll', 2.30, 1, 2.30),
(6, 00002, 'Mango Ring O\Roll', 2.70, 1, 2.70),
(7, 00003, 'Butter Block', 2.90, 1, 2.90),

```

```

(8, 00003, 'Marble Butter Block', 2.70, 1, 2.70),
(9, 00003, 'Banana Walnut Block', 3.20, 1, 3.20),
(10, 00004, 'Custard Puff', 1.80, 1, 1.80),
(11, 00004, 'Almond Pineapple Tart', 2.00, 1, 2.00),
(12, 00004, 'Chocolate Eclair Slice', 2.20, 1, 2.20),
(13, 00005, 'Curry O\Puff', 2.90, 1, 2.90),
(14, 00005, 'Tuna O\Puff', 2.90, 1, 2.90),
(15, 00005, 'Mushroom O\Puff', 2.90, 1, 2.90),
(16, 00006, 'Chocolate O\Roll', 2.10, 1, 2.10),
(17, 00006, 'Sugar O\Roll', 2.30, 1, 2.30),
(18, 00006, 'Mango Ring O\Roll', 2.70, 1, 2.70),
(19, 00007, 'Butter Block', 2.90, 1, 2.90),
(20, 00007, 'Marble Butter Block', 2.70, 1, 2.70),
(21, 00007, 'Banana Walnut Block', 3.20, 1, 3.20),
(22, 00008, 'Custard Puff', 1.80, 1, 1.80),
(23, 00008, 'Almond Pineapple Tart', 2.00, 1, 2.00),
(24, 00008, 'Chocolate Eclair Slice', 2.20, 1, 2.20),
(25, 00009, 'Curry O\Puff', 2.90, 1, 2.90),
(26, 00009, 'Tuna O\Puff', 2.90, 1, 2.90),
(27, 00009, 'Mushroom O\Puff', 2.90, 1, 2.90),
(28, 00010, 'Chocolate O\Roll', 2.10, 1, 2.10),
(29, 00010, 'Sugar O\Roll', 2.30, 1, 2.30),
(30, 00010, 'Mango Ring O\Roll', 2.70, 1, 2.70),
(31, 00011, 'Butter Block', 2.90, 1, 2.90),
(32, 00011, 'Marble Butter Block', 2.70, 1, 2.70),
(33, 00011, 'Banana Walnut Block', 3.20, 1, 3.20),
(34, 00012, 'Custard Puff', 1.80, 1, 1.80),
(35, 00012, 'Almond Pineapple Tart', 2.00, 1, 2.00),
(36, 00012, 'Chocolate Eclair Slice', 2.20, 1, 2.20);

```

```
-- Table structure for table `product_sales`
```

```

CREATE TABLE `product_sales` (
  `id` int(10) UNSIGNED NOT NULL,
  `name` varchar(50) NOT NULL,
  `category` varchar(50) NOT NULL,
  `price` double(6,2) NOT NULL,
  `quantity` int(10) UNSIGNED DEFAULT NULL,
  `total_price` double(6,2) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

```
-- Dumping data for table `product_sales`
```

```

INSERT INTO `product_sales` (`id`, `name`, `category`, `price`, `quantity`, `total_price`) VALUES
(1, 'Curry O\Puff', 'O\ Traditional', 2.90, 3, 8.70),
(2, 'Tuna O\Puff', 'O\ Traditional', 2.90, 3, 8.70),
(3, 'Mushroom O\Puff', 'O\ Traditional', 2.90, 3, 8.70),
(4, 'Chocolate O\Roll', 'O\ Roll', 2.10, 3, 6.30),
(5, 'Sugar O\Roll', 'O\ Roll', 2.30, 3, 6.90),
(6, 'Mango Ring O\Roll', 'O\ Roll', 2.70, 3, 8.10),
(7, 'Butter Block', 'O\ Block Cake', 2.90, 3, 8.70),
(8, 'Marble Butter Block', 'O\ Block Cake', 2.70, 3, 8.10),
(9, 'Banana Walnut Block', 'O\ Block Cake', 3.20, 3, 9.60),
(10, 'Custard Puff', 'O\ Seasonal', 1.80, 3, 5.40),
(11, 'Almond Pineapple Tart', 'O\ Seasonal', 2.00, 3, 6.00),
(12, 'Chocolate Eclair Slice', 'O\ Seasonal', 2.20, 3, 6.60);
```

```

-- 
-- Indexes for dumped tables
-- 

-- 
-- Indexes for table `members`
-- 
ALTER TABLE `members`
  ADD PRIMARY KEY (`id`);


-- 
-- Indexes for table `orders`
-- 
ALTER TABLE `orders`
  ADD PRIMARY KEY (`id`),
  ADD KEY `orders_fk_1` (`member_id`);


-- 
-- Indexes for table `order_items`
-- 
ALTER TABLE `order_items`
  ADD PRIMARY KEY (`id`),
  ADD KEY `orders_items_ibfk_1` (`order_id`);


-- 
-- Indexes for table `product_sales`
-- 
ALTER TABLE `product_sales`
  ADD PRIMARY KEY (`id`);


-- 
-- AUTO_INCREMENT for dumped tables
-- 

-- 
-- AUTO_INCREMENT for table `members`
-- 
ALTER TABLE `members`
  MODIFY `id` int(5) UNSIGNED ZEROFILL NOT NULL AUTO_INCREMENT,
  AUTO_INCREMENT=4; 


-- 
-- AUTO_INCREMENT for table `orders`
-- 
ALTER TABLE `orders`
  MODIFY `id` int(5) UNSIGNED ZEROFILL NOT NULL AUTO_INCREMENT,
  AUTO_INCREMENT=13; 


-- 
-- AUTO_INCREMENT for table `order_items`
-- 
ALTER TABLE `order_items`
  MODIFY `id` int(10) UNSIGNED NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=37; 


-- 
-- AUTO_INCREMENT for table `product_sales`
-- 
ALTER TABLE `product_sales`
  MODIFY `id` int(10) UNSIGNED NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=13;

```

```

-- Constraints for dumped tables
--
--

-- Constraints for table `orders`
--
ALTER TABLE `orders`
  ADD CONSTRAINT `orders_fk_1` FOREIGN KEY (`member_id`) REFERENCES `members` (`id`)
ON DELETE CASCADE;

-- Constraints for table `order_items`
--
ALTER TABLE `order_items`
  ADD CONSTRAINT `orders_items_ibfk_1` FOREIGN KEY (`order_id`) REFERENCES `orders` (`id`)
ON DELETE CASCADE;
COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

[css\style-account.css](#)

```
@media only screen and (min-width: 1100px) {
```

```
/* For desktop: */
```

```
.col-1 {width: 8.33%;}
.col-2 {width: 16.66%;}
.col-3 {width: 25%;}
.col-4 {width: 33.33%;}
.col-5 {width: 41.66%;}
.col-6 {width: 50%;}
.col-7 {width: 58.33%;}
.col-8 {width: 66.66%;}
.col-9 {width: 75%;}
.col-10 {width: 83.33%;}
.col-11 {width: 91.66%;}
.col-12 {width: 100%;}
```

```
}
```

```
@media only screen and (max-width: 1100px) {
```

```
/* For tablets: */
```

```
.col-s-1 {width: 8.33%;}
.col-s-2 {width: 16.66%;}
.col-s-3 {width: 25%;}
.col-s-4 {width: 33.33%;}
.col-s-5 {width: 41.66%;}
.col-s-6 {width: 50%;}
.col-s-7 {width: 58.33%;}
.col-s-8 {width: 66.66%;}
.col-s-9 {width: 75%;}
.col-s-10 {width: 83.33%;}
.col-s-11 {width: 91.66%;}
.col-s-12 {width: 100%;}
```

```
}
```

```
@media only screen and (max-width: 700px) {
```

```
/* For phones: */
```

```
.col-xs-1 {width: 8.33%;}
.col-xs-2 {width: 16.66%;}
.col-xs-3 {width: 25%;}
.col-xs-4 {width: 33.33%;}
.col-xs-5 {width: 41.66%;}
```

```

.col-xs-6 {width: 50%;}
.col-xs-7 {width: 58.33%;}
.col-xs-8 {width: 66.66%;}
.col-xs-9 {width: 75%;}
.col-xs-10 {width: 83.33%;}
.col-xs-11 {width: 91.66%;}
.col-xs-12 {width: 100%;}
}

[class*="col-"] {
  float: left;
}
/*layout*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}

body {
  margin:0;
}

/*navbar*/
a{
  text-decoration: none;
}

ul{
  list-style: none;
}

/* Header */
.header{
  background-color: #F9C450;
  box-shadow: 1px 1px 5px 0px gray;
  position: sticky;
  top: 0;
  width: 100%;
  z-index: 5;
}

/* Logo */
.logo{
  display: inline-block;
  color: black;
  font-size: 36px;
  margin-left: 10px;
}

.logo img {
  vertical-align: middle;
  width: 300px;
  padding: 5px;
}

/* Nav menu */
.nav{
  width: 100%;
  height: 100%;
  position: fixed;

```

```

        top: 58px;
        background-color: #FFF5CC;
        overflow: hidden;
    }

    .menu a{
        display: block;
        padding: 28px;
        color: black;
        font-size: 18px;
        font-weight:bold;
    }

    .menu .cart {
        color: black;
        font-size: 25px;
        margin-top: -5px;
    }

    .menu .cart-total-quantity {
        position: relative;
        top: -4.3em;
        right: -2.9em;
        width: 1.3em;
        height: 1.3em;
        display: inline-flex;
        justify-content: center;
        align-items: center;
        border-radius: 50%;
        background-color: #fb6a01;
        color: white;
        opacity: 95%;
    }

    .menu a:hover{
        background-color: whitesmoke;
    }

/*active class for navbar*/
    .menu .active{
        color: #fb6a01;
    }

    .nav{
        max-height: 0;
        transition: max-height .5s ease-out;
    }

    .menu img{
        width:20px;
    }

/* Menu Icon */
    .hamb{
        cursor: pointer;
        float: right;
        padding: 28px 8px;
    }

    .hamb-line {
        background: black;

```

```

display: block;
height: 2px;
position: relative;
width: 24px;
}

.hamb-line::before,
.hamb-line::after{
background: black;
content: "";
display: block;
height: 100%;
position: absolute;
transition: all .2s ease-out;
width: 100%;
}

.hamb-line::before{
top: 5px;
}

.hamb-line::after{
top: -5px;
}

.side-menu {
display: none;
}

/* Toggle menu icon */
.side-menu:checked ~ nav{
max-height: 100%;
}

.side-menu:checked ~ .hamb .hamb-line {
background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
transform: rotate(-45deg);
top:0;
}

.side-menu:checked ~ .hamb .hamb-line::after {
transform: rotate(45deg);
top:0;
}

/* Responsiveness */
@media (min-width: 840px) {
.nav{
max-height: none;
top: 0;
position: relative;
float: right;
width: fit-content;
background-color: transparent;
}
}

.logo img {
vertical-align: middle;
width: 400px;

```

```

padding: 5px;
}

.menu li{
    float: left;
}

.menu .active{
    color: white;
}

.menu a:hover{
    background-color: transparent;
    color: #6d3100;
}

.hamb{
    display: none;
    padding: 40px 20px;
}
}

/*footer*/
.footer{
background:#ffff5cc;
text-align:center;
position: absolute;
bottom: 0;
width: 100%;
}

.footer .row{
width:100%;
margin:1% 0%;
padding:0.6% 0%;
color:gray;
font-size:0.8em;
}

.footer .row a{
text-decoration:none;
color:gray;
transition:0.5s;
}

.footer .row a i{
font-size:2em;
margin:0% 1%;
}

@media (max-width:720px){
.footer .row{
    font-size: 0.6em;
    padding:0%;
    margin:0;
}
}

.history{
padding: 30px;
}

```

```

.leftcolumn {
    margin-top:20px;
    padding: 10px 0px;
    background-color: #f2f2f2;
    border-radius: 8px;
}

.leftcolumn ul li {
    margin: 20px;
}

.leftcolumn ul li a {
    font-weight: bold;
    color: #000000;
    font-size: 18px;
}

.leftcolumn ul li a:hover {
    color: #3e3e3e;
}

.rightcolumn {
    margin: 20px;
    padding: 10px;
    border-radius: 8px;
}

.section-header {
    font-size: 2em;
    padding-bottom: 20px;
}
/*form*/

/* Style inputs with type="text", select elements and textareas */
input[type=text], select, textarea {
    width: 100%;
    padding: 12px;
    border: 1px solid rgb(255, 255, 255);
    border-bottom: 2px solid chocolate;
    border-radius: 4px;
    box-sizing: border-box; /* Make sure that padding and width stays in place */
    margin-top: 6px;
    margin-bottom: 16px;
    resize: vertical /* Allow the user to vertically resize the textarea (not horizontally) */
}

.container {
    border-radius: 5px;
    /*padding: 20px 20px 330px;*/
    padding: 20px 0px 330px;
}

.field {
    /*padding: 10px 15px;*/
    padding: 10px 30px 10px 0px;
}

label{
    font-weight: 600;
}

@media (max-width:1000px){

```

```
.rightcolumn{  
    margin:0;  
}  
}
```

css\style-cart.css

```
@media only screen and (min-width: 825px) {  
    /* For desktop: */  
    .col-1 {width: 8.33%;}  
    .col-2 {width: 16.66%;}  
    .col-3 {width: 25%;}  
    .col-4 {width: 33.33%;}  
    .col-5 {width: 41.66%;}  
    .col-6 {width: 50%;}  
    .col-7 {width: 58.33%;}  
    .col-8 {width: 66.66%;}  
    .col-9 {width: 75%;}  
    .col-10 {width: 83.33%;}  
    .col-11 {width: 91.66%;}  
    .col-12 {width: 100%;}  
}  
  
@media only screen and (max-width: 880px) {  
    /* For tablets: */  
    .col-s-1 {width: 8.33%;}  
    .col-s-2 {width: 16.66%;}  
    .col-s-3 {width: 25%;}  
    .col-s-4 {width: 33.33%;}  
    .col-s-5 {width: 41.66%;}  
    .col-s-6 {width: 50%;}  
    .col-s-7 {width: 58.33%;}  
    .col-s-8 {width: 66.66%;}  
    .col-s-9 {width: 75%;}  
    .col-s-10 {width: 83.33%;}  
    .col-s-11 {width: 91.66%;}  
    .col-s-12 {width: 100%;}  
}  
  
@media only screen and (max-width: 700px) {  
    /* For phones: */  
    .col-xs-1 {width: 8.33%;}  
    .col-xs-2 {width: 16.66%;}  
    .col-xs-3 {width: 25%;}  
    .col-xs-4 {width: 33.33%;}  
    .col-xs-5 {width: 41.66%;}  
    .col-xs-6 {width: 50%;}  
    .col-xs-7 {width: 58.33%;}  
    .col-xs-8 {width: 66.66%;}  
    .col-xs-9 {width: 75%;}  
    .col-xs-10 {width: 83.33%;}  
    .col-xs-11 {width: 91.66%;}  
    .col-xs-12 {width: 100%;}  
}  
  
[class*="col-"] {  
    float: left;  
}  
/*layout*/  
*{  
    margin: 0;  
    padding: 0;  
    box-sizing: border-box;
```

```
font-family: sans-serif;
}

body {
    margin:0;
}

/*navbar*/
a{
    text-decoration: none;
}

ul{
    list-style: none;
}

/* Header */
.header{
    background-color: #F9C450;
    box-shadow: 1px 1px 5px 0px gray;
    position: sticky;
    top: 0;
    width: 100%;
    z-index: 5;
}

/* Logo */
.logo{
    display: inline-block;
    color: black;
    font-size: 36px;
    margin-left: 10px;
}

.logo img {
    vertical-align: middle;
    width: 300px;
    padding: 5px;
}

/* Nav menu */
.nav{
    width: 100%;
    height: 100%;
    position: fixed;
    top: 58px;
    background-color: #FFF5CC;
    overflow: hidden;
}

.menu a{
    display: block;
    padding: 28px;
    color: black;
    font-size: 18px;
    font-weight: bold;
}

.menu .cart {
    color: black;
    font-size: 25px;
}
```

```

margin-top: -5px;
}

.menu .cart-total-quantity {
position: relative;
top: -4.3em;
right: -2.9em;
width: 1.3em;
height: 1.3em;
display: inline-flex;
justify-content: center;
align-items: center;
border-radius: 50%;
background-color: #fb6a01;
color: white;
opacity: 95%;
}

.menu a:hover{
background-color: whitesmoke;
}

/*active class for navbar*/
.menu .active{
color: #fb6a01;
}

.nav{
max-height: 0;
transition: max-height .5s ease-out;
}

.menu img{
width:20px;
}

/* Menu Icon */
.hamb{
cursor: pointer;
float: right;
padding: 28px 8px;
}

.hamb-line {
background: black;
display: block;
height: 2px;
position: relative;
width: 24px;
}

.hamb-line::before,
.hamb-line::after{
background: black;
content: "";
display: block;
height: 100%;
position: absolute;
transition: all .2s ease-out;
width: 100%;
}

```

```

.hamb-line::before{
  top: 5px;
}

.hamb-line::after{
  top: -5px;
}

.side-menu {
  display: none;
}

/* Toggle menu icon */
.side-menu:checked ~ nav{
  max-height: 100%;
}

.side-menu:checked ~ .hamb .hamb-line {
  background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
  transform: rotate(-45deg);
  top:0;
}

.side-menu:checked ~ .hamb .hamb-line::after {
  transform: rotate(45deg);
  top:0;
}

/* Responsiveness */
@media (min-width: 840px) {
  .nav{
    max-height: none;
    top: 0;
    position: relative;
    float: right;
    width: fit-content;
    background-color: transparent;
  }

  .logo img {
    vertical-align: middle;
    width: 400px;
    padding: 5px;
  }

  .menu li{
    float: left;
  }

  .menu .active{
    color: white;
  }

  .menu a:hover{
    background-color: transparent;
    color: #6d3100;
  }

  .hamb{

```

```

        display: none;
        padding: 40px 20px;
    }
}

/*footer*/
.footer{
background:#fff5cc;
text-align:center;
position: absolute;
width: 100%;

}

.footer .row{
width:100%;
margin:1% 0%;
padding:0.6% 0%;
color:gray;
font-size:0.8em;
}

.footer .row a{
text-decoration:none;
color:gray;
transition:0.5s;
}

.footer .row a i{
font-size:2em;
margin:0% 1%;
}

@media (max-width:720px){
.footer .row{
    font-size: 0.6em;
    padding:0%;
    margin:0;
}
}

#page-container { /*for pages that have dynamic content only*/
    position: relative;
    min-height: 86vh;
}

/*cart*/
.container {
    max-width: 1010px;
    margin: 0 auto;
    padding: 0 1.5em;
    padding-bottom: 59vh;
}

.empty-cart {
    padding-top: 20vh;
    padding-bottom: 42vh;
}

.section-header {
    color: #333;
    font-size: 2em;
}

```

```
padding-bottom: 50px;
padding-top: 70px;
}

.cart-row {
display: flex;
border-bottom: 1px solid black;
}

.cart-column {
display: flex;
align-items: center;
margin-right: 1.5em;
padding-bottom: 10px;
margin-top: 10px;
}

.cart-item {
width: 40%;
}

.cart-item-detail{
display: flex;
flex-direction: column;
margin-left: 1em;
}

.cart-item-title {
color: #333;
font-size: 1.3em;
}

.cart-item-image {
width: 75px;
height: auto;
border-radius: 10px;
}

.cart-price-each {
font-size: 1em;
color: #333;
}

.cart-price {
font-size: 1.3em;
color: #333;
width:5%;
}

.cart-quantity {
width: 30%;
}

.btn-remove {
color: white;
background-color: #92480c;
border: none;
border-radius: .3em;
font-weight: bold;
padding: .67em .67em;
margin-left: 50%;
}
```

```

.btn-remove:hover {
  background-color: #ae8462;
}

.cart-quantity-input {
  height: 34px;
  width: 50px;
  border-radius: 5px;
  border: 1px solid #56CCF2;
  background-color: #eee;
  color: #333;
  padding: 0;
  text-align: center;
  font-size: 1.2em;
  margin-right: 25px;
}

.cart-row:last-child {
  border-bottom: 3px solid black;
}

.cart-total {
  text-align: end;
  margin-top: 30px;
  margin-right: 1%;
  float: right;
}

.cart-total-title {
  font-size: 1.5em;
  color: #333;
  margin-right: 8%;
}

#cart-total-price {
  font-weight: bold;
  font-size: 1.5em;
  color: black;
  margin-right: 15%;
}

/*quantity*/
.counter { /*counter here cannot be 0, to change this, go js*/
  display: flex;
  padding-right: 10px;
  align-items: center;
}

.counter input {
  line-height: 30px;
  font-size: 18px;
  text-align: center;
  color: #000;
  font-weight: 600;
  border-radius: 6px;
}

input[type=number]::-webkit-inner-spin-button {
  opacity: 1
}

```

```

/*.counter span {
  display: block;
  font-size: 28px;
  padding: 0 10px;
  cursor: pointer;
}*/

/*purchase button*/
.btn-checkout {
  display: block;
  margin-top: 30px;
  /*float: right;*/
  font-size: 24px;
  background-image: url(images/click.svg);
  background-repeat: no-repeat;
  border-radius: 8px;
  background-color: #ffd740;
  border: none;
  color: black;
  text-align: center;
  font-weight: bold;
  padding: 10px;
  width: 280px;
  cursor: pointer;
}

.btn-checkout:hover{
  background-color: #fbe491;
  color: #333;
}

@media (max-width:720px){
  .btn-remove{
    margin-left: 10%;
  }

  .cart-item {
    width: 45%;
  }
  .cart-quantity {
    width: 15%;
  }

  .cart-price {
    width: 35%;
  }
}

```

css\style-checkout.css

```

@media only screen and (min-width: 825px) {
  /* For desktop: */
  .col-1 {width: 8.33%;}
  .col-2 {width: 16.66%;}
  .col-3 {width: 25%;}
  .col-4 {width: 33.33%;}
  .col-5 {width: 41.66%;}
  .col-6 {width: 50%;}
  .col-7 {width: 58.33%;}
  .col-8 {width: 66.66%;}
}

```

```

.col-9 {width: 75%;}
.col-10 {width: 83.33%;}
.col-11 {width: 91.66%;}
.col-12 {width: 100%;}
}

@media only screen and (max-width: 880px) {
/* For tablets: */
.col-s-1 {width: 8.33%;}
.col-s-2 {width: 16.66%;}
.col-s-3 {width: 25%;}
.col-s-4 {width: 33.33%;}
.col-s-5 {width: 41.66%;}
.col-s-6 {width: 50%;}
.col-s-7 {width: 58.33%;}
.col-s-8 {width: 66.66%;}
.col-s-9 {width: 75%;}
.col-s-10 {width: 83.33%;}
.col-s-11 {width: 91.66%;}
.col-s-12 {width: 100%;}
}

@media only screen and (max-width: 700px) {
/* For phones: */
.col-xs-1 {width: 8.33%;}
.col-xs-2 {width: 16.66%;}
.col-xs-3 {width: 25%;}
.col-xs-4 {width: 33.33%;}
.col-xs-5 {width: 41.66%;}
.col-xs-6 {width: 50%;}
.col-xs-7 {width: 58.33%;}
.col-xs-8 {width: 66.66%;}
.col-xs-9 {width: 75%;}
.col-xs-10 {width: 83.33%;}
.col-xs-11 {width: 91.66%;}
.col-xs-12 {width: 100%;}
}

[class*="col-"] {
  float: left;
}
/*layout*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}

body {
  margin: 0;
}

/*navbar*/
a{
  text-decoration: none;
}

ul{
  list-style: none;
}

```

```
/* Header */
.header{
background-color: #F9C450;
box-shadow: 1px 1px 5px 0px gray;
position: sticky;
top: 0;
width: 100%;
z-index: 5;
}

/* Logo */
.logo{
display: inline-block;
color: black;
font-size: 36px;
margin-left: 10px;
}

.logo img {
vertical-align: middle;
width: 300px;
padding: 5px;
}

/* Nav menu */
.nav{
width: 100%;
height: 100%;
position: fixed;
top: 58px;
background-color: #FFF5CC;
overflow: hidden;
}

.menu a{
display: block;
padding: 28px;
color: black;
font-size: 18px;
font-weight: bold;
}

.menu .cart {
color: black;
font-size: 25px;
margin-top: -5px;
}

.menu .cart-total-quantity {
position: relative;
top: -4.3em;
right: -2.9em;
width: 1.3em;
height: 1.3em;
display: inline-flex;
justify-content: center;
align-items: center;
border-radius: 50%;
background-color: #fb6a01;
color: white;
opacity: 95%;
```

```

}

.menu a:hover{
  background-color: whitesmoke;
}

/*active class for navbar*/
.menu .active{
  color: #fb6a01;
}

.nav{
  max-height: 0;
  transition: max-height .5s ease-out;
}

.menu img{
  width:20px;
}

/* Menu Icon */
.hamb{
  cursor: pointer;
  float: right;
  padding: 28px 8px;
}

.hamb-line {
  background: black;
  display: block;
  height: 2px;
  position: relative;
  width: 24px;
}

.hamb-line::before,
.hamb-line::after{
  background: black;
  content: "";
  display: block;
  height: 100%;
  position: absolute;
  transition: all .2s ease-out;
  width: 100%;
}

.hamb-line::before{
  top: 5px;
}

.hamb-line::after{
  top: -5px;
}

.side-menu {
  display: none;
}

/* Toggle menu icon */
.side-menu:checked ~ nav{
  max-height: 100%;
}

```

```

.side-menu:checked ~ .hamb .hamb-line {
  background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
  transform: rotate(-45deg);
  top:0;
}

.side-menu:checked ~ .hamb .hamb-line::after {
  transform: rotate(45deg);
  top:0;
}

/* Responsiveness */
@media (min-width: 840px) {
  .nav{
    max-height: none;
    top: 0;
    position: relative;
    float: right;
    width: fit-content;
    background-color: transparent;
  }

  .logo img {
    vertical-align: middle;
    width: 400px;
    padding: 5px;
  }

  .menu li{
    float: left;
  }

  .menu .active{
    color: white;
  }

  .menu a:hover{
    background-color: transparent;
    color: #6d3100;
  }

  .hamb{
    display: none;
    padding: 40px 20px;
  }
}

/*footer*/
.footer{
background:#ffff5cc;
text-align:center;
position: absolute;
/*bottom: 0;*/
width: 100%;
}

```

```

.footer .row-footer{
width:100%;
margin:1% 0%;
padding:0.6% 0%;
color:gray;
font-size:0.8em;
}

.footer .row a{
text-decoration:none;
color:gray;
transition:0.5s;
}

.footer .row-footer a i{
font-size:2em;
margin:0% 1%;
}

@media (max-width:720px){
.footer .row-footer{
font-size: 0.6em;
padding:0%;
margin:0;
}
}

.section-header {
color: #333;
font-size: 2em;
padding:30px 0px 10px 20px;
}

/*form*/
.row {
display: -ms-flexbox; /* IE10 */
display: flex;
-ms-flex-wrap: wrap; /* IE10 */
flex-wrap: wrap;
margin: 0 0px;
}

.col-25 {
-ms-flex: 23%; /* IE10 */
flex: 23%;
}

.col-4 {
flex: 4%;
}

.col-50{
flex: 48%;
}

.col-75 {
-ms-flex: 73%; /* IE10 */
flex: 73%;
}

/*.col-25,
.col-50,
.col-75 {

```

```
padding: 0 10px;
}*/



.container {
background-color: #f2f2f2;
padding: 5px 20px 15px 20px;
border: 1px solid lightgrey;
border-radius: 3px;
}

.empty-cart {
max-width: 1010px;
margin: 0 auto;
padding: 0 1.5em;
height: 82vh;
}

input[type=text] {
width: 100%;
margin-bottom: 20px;
padding: 12px;
border: 1px solid #ccc;
border-radius: 3px;
}
input[type=number], input[type=date], select {
width: 100%;
margin-bottom: 20px;
padding: 12px;
border: 1px solid #ccc;
border-radius: 3px;
}

/*dropdown dd option*/
option {
font-size:15px;
background-color: white;
}

label {
margin-bottom: 10px;
display: block;
}

.icon-container {
margin-bottom: 20px;
padding: 7px 0;
font-size: 24px;
}

/*.btn-apply {
display: block;
font-size: 24px;
border-radius: 8px;
background-color: #f57f17;
color: #fff;
border: none;
text-align: center;
padding: 5px;
width: 80%;
cursor: pointer;
}
.btn-apply:hover{
```

```

background-color: #fba459;
}*/



.btn-submit {
  display: block;
  margin: 20px 0;
  font-size: 24px;
  border-radius: 8px;
  background-color: #ffd740;
  border-color: #f3c106;
  color: black;
  text-align: center;
  font-weight: bold;
  padding: 10px;
  width: 100%;
  cursor: pointer;
}

.btn-submit:hover{
  background-color: #fbe491;
  border: none;
  color: #333;
}

.btn-back {
  display: block;
  margin: 20px 0;
  font-size: 24px;
  border-radius: 8px;
  background-color: #929292;
  border-color: #929292;
  color: black;
  text-align: center;
  padding: 10px;
  width: 100%;
  cursor: pointer;
}

.btn-back:hover{
  background-color: #b8b8b8;
  border: none;
  color: #333;
}

span.price {
  float: right;
  color: grey;
}

/* Responsive layout - when the screen is less than 800px wide, make the two columns stack on top of each other instead of next to each other (also change the direction - make the "cart" column go on top) */
@media (max-width: 1000px) {
  .row {
    flex-direction: column-reverse;
  }
  .col-25 {
    margin-bottom: 20px;
  }
}

.section-headertwo {

```

```

color: #333;
font-size: 1.5em;
padding: 15px 0px ;
}

/*order summary table*/
table{
  margin: 0px auto;
}
table, td, th, tr {
  border-collapse: collapse;
}

tr{
  border-bottom: 1px solid black;
}

/*tr:nth-last-child(2){
  border-bottom: 3px solid black;
}*/

tr:last-child{
  border-bottom: 3px solid black;
}

td{
  vertical-align: top;
}

.image{
  width: 24%;
  padding: 10px 0px;
}

.cart-item-detail{
  float: left;
}

.orders{
  float: right;
  text-align: right;
}

.cart-item-image{
  width: 90px;
  height: 90px;
  border-radius: 10px;
}

.cart-item-title, .cart-price{
  font-weight: bold;
  font-size: 16px;
  padding-top: 15px;
  padding-right: 10px;
}

.cart-price-eac, .cart-qty{
  font-size: 14px;
  padding-right: 10px;
}

#table2{

```

```

width:90%;
border:0;
}

#table2 tr{
  border:0;
}

.total-left{
  float:left;
}

.total-right {
  float: right;
}

.subtotal-title{
  font-size: 16px;
  padding-top: 10px;
  padding-right: 10px;
}

.total-title{
  font-weight: bold;
  font-size: 18px;
  padding-top: 15px;
  padding-right: 10px;
}

.checkout-total{
  font-weight: bold;
  font-size: 18px;
  padding-top: 15px;
  padding-right: 10px;
}

```

css\style-contact.css

```

/*.row {
  overflow:hidden;
}*/



@media only screen and (min-width: 1000px) {
  /* For desktop: */
  .col-1 {width: 8.33%;}
  .col-2 {width: 16.66%;}
  .col-3 {width: 25%;}
  .col-4 {width: 33.33%;}
  .col-5 {width: 41.66%;}
  .col-6 {width: 50%;}
  .col-7 {width: 58.33%;}
  .col-8 {width: 66.66%;}
  .col-9 {width: 75%;}
  .col-10 {width: 83.33%;}
  .col-11 {width: 91.66%;}
  .col-12 {width: 100%;}
}

@media only screen and (max-width: 1000px) {
  /* For tablets: */
  .col-s-1 {width: 8.33%;}
  .col-s-2 {width: 16.66%;}
  .col-s-3 {width: 25%;}
}
```

```

.col-s-4 {width: 33.33%;}
.col-s-5 {width: 41.66%;}
.col-s-6 {width: 50%;}
.col-s-7 {width: 58.33%;}
.col-s-8 {width: 66.66%;}
.col-s-9 {width: 75%;}
.col-s-10 {width: 83.33%;}
.col-s-11 {width: 91.66%;}
.col-s-12 {width: 100%;}
}

@media only screen and (max-width: 700px) {
/* For phones: */
.col-xs-1 {width: 8.33%;}
.col-xs-2 {width: 16.66%;}
.col-xs-3 {width: 25%;}
.col-xs-4 {width: 33.33%;}
.col-xs-5 {width: 41.66%;}
.col-xs-6 {width: 50%;}
.col-xs-7 {width: 58.33%;}
.col-xs-8 {width: 66.66%;}
.col-xs-9 {width: 75%;}
.col-xs-10 {width: 83.33%;}
.col-xs-11 {width: 91.66%;}
.col-xs-12 {width: 100%;}
}

[class*="col-"] {
  float: left;
}
/*layout*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}

body {
  margin:0;
}

/*navbar*/
a{
  text-decoration: none;
}

ul{
  list-style: none;
}

/* Header */
.header{
  background-color: #F9C450;
  box-shadow: 1px 1px 5px 0px gray;
  position: sticky;
  top: 0;
  width: 100%;
  z-index: 5;
}

/* Logo */

```

```

.logo{
  display: inline-block;
  color: black;
  font-size: 36px;
  margin-left: 10px;
}

.logo img {
  vertical-align: middle;
  width: 300px;
  padding: 5px;
}

/* Nav menu */
.nav{
  width: 100%;
  height: 100%;
  position: fixed;
  top: 58px;
  background-color: #FFF5CC;
  overflow: hidden;
}

.menu a{
  display: block;
  padding: 28px;
  color: black;
  font-size: 18px;
  font-weight: bold;
}

.menu .cart {
  color: black;
  font-size: 25px;
  margin-top: -5px;
}

.menu .cart-total-quantity {
  position: relative;
  top: -4.3em;
  right: -2.9em;
  width: 1.3em;
  height: 1.3em;
  display: inline-flex;
  justify-content: center;
  align-items: center;
  border-radius: 50%;
  background-color: #fb6a01;
  color: white;
  opacity: 95%;
}

.menu a:hover{
  background-color: whitesmoke;
}

/*active class for navbar*/
.menu .active{
  color: #fb6a01;
}

```

```

.nav{
  max-height: 0;
  transition: max-height .5s ease-out;
}

.menu img{
  width:20px;
}

/* Menu Icon */
.hamb{
  cursor: pointer;
  float: right;
  padding:28px 8px;
}

.hamb-line {
  background: black;
  display: block;
  height: 2px;
  position: relative;
  width: 24px;
}

.hamb-line::before,
.hamb-line::after{
  background: black;
  content: "";
  display: block;
  height: 100%;
  position: absolute;
  transition: all .2s ease-out;
  width: 100%;
}

.hamb-line::before{
  top: 5px;
}

.hamb-line::after{
  top: -5px;
}

.side-menu {
  display: none;
}

/* Toggle menu icon */
.side-menu:checked ~ nav{
  max-height: 100%;
}

.side-menu:checked ~ .hamb .hamb-line {
  background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
  transform: rotate(-45deg);
  top:0;
}

.side-menu:checked ~ .hamb .hamb-line::after {

```

```

        transform: rotate(45deg);
        top:0;
    }

/* Responsiveness */
@media (min-width: 840px) {
    .nav{
        max-height: none;
        top: 0;
        position: relative;
        float: right;
        width: fit-content;
        background-color: transparent;
    }

    .logo img {
        vertical-align: middle;
        width: 400px;
        padding: 5px;
    }

    .menu li{
        float: left;
    }

    .menu .active{
        color: white;
    }

    .menu a:hover{
        background-color: transparent;
        color: #6d3100;
    }

    .hamb{
        display: none;
        padding: 40px 20px;
    }
}

/*footer*/
.footer{
    background:#fff5cc;
    text-align:center;
    position: absolute;
    width: 100%;
}

.footer .row{
width:100%;
margin:1% 0%;
padding:0.6% 0%;
color:gray;
font-size:0.8em;
}

.footer .row a{
text-decoration:none;
color:gray;
transition:0.5s;
}

```

```

.footer .row a i{
font-size:2em;
margin:0% 1%;
}

@media (max-width:720px){
.footer .row{
    font-size: 0.6em;
    padding:0%;
    margin:0;
}
}

.main{
padding: 0px 30px;
height:99vh;
}

.contact{
padding: 30px;
}

h2,h3{
margin: 8px 18px;
}

.leftcolumn {
margin-top:20px;
padding: 10px 0px;
background-color: #f2f2f2;
border-radius: 8px;
}

.leftcolumn ul li {
margin: 20px;
}

.leftcolumn ul li a {
font-weight: bold;
color: #000000;
font-size: 16px;
}

.email a:hover {
color: #78a4f0;
}

.rightcolumn {
margin:20px 70px 20px 20px;
padding: 10px;
border-radius: 8px;
}

.section-header {
font-size: 2em;
padding-bottom: 20px;
margin:0px;
}

/*form*/
/* Style inputs with type="text", select elements and textareas */

```

```

input[type=text], select, textarea {
  width: 100%;
  padding: 12px;
  border: 1px solid #ccc;
  border-radius: 4px;
  box-sizing: border-box; /* Make sure that padding and width stays in place */
  margin-top: 6px;
  margin-bottom: 16px;
  resize: vertical /* Allow the user to vertically resize the textarea (not horizontally) */
}

input[type=submit] {
  background-color: #f9c450;
  color: black;
  font-weight: bold;
  font-size: 16px;
  padding: 12px 20px;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  float: right;
}

input[type=submit]:hover {
  background-color: #fcfa96e;
}

.container {
  border-radius: 5px;
  background-color: #a5c6ff;
  padding: 20px 20px 60px;
}

.field {
  padding: 10px 15px;
}

label{
  font-weight: 600;
}

@media (max-width:1150px){
  .main{
    margin-bottom:1000px;
  }
  .contact{
    padding: 0px;
  }
  .rightcolumn{
    margin:0;
  }
}

```

[css\style-history.css](#)

```

@media only screen and (min-width: 1100px) {
  /* For desktop: */
  .col-1 {width: 8.33%;}
  .col-2 {width: 16.66%;}
  .col-3 {width: 25%;}
  .col-4 {width: 33.33%;}
  .col-5 {width: 41.66%;}
  .col-6 {width: 50%;}
}

```

```

.col-7 {width: 58.33%;}
.col-8 {width: 66.66%;}
.col-9 {width: 75%;}
.col-10 {width: 83.33%;}
.col-11 {width: 91.66%;}
.col-12 {width: 100%;}
}

@media only screen and (max-width: 1100px) {
/* For tablets: */
.col-s-1 {width: 8.33%;}
.col-s-2 {width: 16.66%;}
.col-s-3 {width: 25%;}
.col-s-4 {width: 33.33%;}
.col-s-5 {width: 41.66%;}
.col-s-6 {width: 50%;}
.col-s-7 {width: 58.33%;}
.col-s-8 {width: 66.66%;}
.col-s-9 {width: 75%;}
.col-s-10 {width: 83.33%;}
.col-s-11 {width: 91.66%;}
.col-s-12 {width: 100%;}
}

@media only screen and (max-width: 700px) {
/* For phones: */
.col-xs-1 {width: 8.33%;}
.col-xs-2 {width: 16.66%;}
.col-xs-3 {width: 25%;}
.col-xs-4 {width: 33.33%;}
.col-xs-5 {width: 41.66%;}
.col-xs-6 {width: 50%;}
.col-xs-7 {width: 58.33%;}
.col-xs-8 {width: 66.66%;}
.col-xs-9 {width: 75%;}
.col-xs-10 {width: 83.33%;}
.col-xs-11 {width: 91.66%;}
.col-xs-12 {width: 100%;}
}

[class*="col-"] {
  float: left;
}
/*layout*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}

body {
  margin: 0;
}

/*navbar*/
a{
  text-decoration: none;
}

ul{
  list-style: none;
}

```

```
}

/* Header */
.header{
    background-color: #F9C450;
    box-shadow: 1px 1px 5px 0px gray;
    position: sticky;
    top: 0;
    width: 100%;
    z-index: 5;
}

/* Logo */
.logo{
    display: inline-block;
    color: black;
    font-size: 36px;
    margin-left: 10px;
}

.logo img {
    vertical-align: middle;
    width: 300px;
    padding: 5px;
}

/* Nav menu */
.nav{
    width: 100%;
    height: 100%;
    position: fixed;
    top: 58px;
    background-color: #FFF5CC;
    overflow: hidden;
}

.menu a{
    display: block;
    padding: 28px;
    color: black;
    font-size: 18px;
    font-weight: bold;
}

.menu .cart {
    color: black;
    font-size: 25px;
    margin-top: -5px;
}

.menu .cart-total-quantity {
    position: relative;
    top: -4.3em;
    right: -2.9em;
    width: 1.3em;
    height: 1.3em;
    display: inline-flex;
    justify-content: center;
    align-items: center;
    border-radius: 50%;
    background-color: #fb6a01;
    color: white;
}
```

```

    opacity: 95%;

}

.menu a:hover{
    background-color: whitesmoke;
}

/*active class for navbar*/
.menu .active{
    color: #fb6a01;
}

.nav{
    max-height: 0;
    transition: max-height .5s ease-out;
}

.menu img{
    width:20px;
}

/* Menu Icon */
.hamb{
    cursor: pointer;
    float: right;
    padding: 28px 8px;
}

.hamb-line {
    background: black;
    display: block;
    height: 2px;
    position: relative;
    width: 24px;
}

.hamb-line::before,
.hamb-line::after{
    background: black;
    content: "";
    display: block;
    height: 100%;
    position: absolute;
    transition: all .2s ease-out;
    width: 100%;
}

.hamb-line::before{
    top: 5px;
}

.hamb-line::after{
    top: -5px;
}

.side-menu {
    display: none;
}

/* Toggle menu icon */
.side-menu:checked ~ nav{

```

```

    max-height: 100%;
}

.side-menu:checked ~ .hamb .hamb-line {
    background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
    transform: rotate(-45deg);
    top:0;
}

.side-menu:checked ~ .hamb .hamb-line::after {
    transform: rotate(45deg);
    top:0;
}

/* Responsiveness */
@media (min-width: 840px) {
    .nav{
        max-height: none;
        top: 0;
        position: relative;
        float: right;
        width: fit-content;
        background-color: transparent;
    }

    .logo img {
        vertical-align: middle;
        width: 400px;
        padding: 5px;
    }

    .menu li{
        float: left;
    }

    .menu .active{
        color: white;
    }

    .menu a:hover{
        background-color: transparent;
        color: #6d3100;
    }

    .hamb{
        display: none;
        padding: 40px 20px;
    }
}

/*footer*/
.footer{
background:#ffff5cc;
text-align:center;
position: absolute;
bottom: 0;
width: 100%;
}

```

```
.footer .row{  
width:100%;  
margin:1% 0%;  
padding:0.6% 0%;  
color:gray;  
font-size:0.8em;  
}  
  
.footer .row a{  
text-decoration:none;  
color:gray;  
transition:0.5s;  
}  
  
.footer .row a i{  
font-size:2em;  
margin:0% 1%;  
}  
  
 @media (max-width:720px){  
.footer .row{  
font-size: 0.6em;  
padding:0%;  
margin:0;  
}  
}  
  
.history{  
padding: 30px;  
}  
  
.leftcolumn {  
margin-top:20px;  
padding: 10px 0px;  
background-color: #f2f2f2;  
border-radius: 8px;  
}  
  
.leftcolumn ul li {  
margin: 20px;  
}  
  
.leftcolumn ul li a {  
font-weight: bold;  
color: #000000;  
font-size: 18px;  
}  
  
.leftcolumn ul li a:hover {  
color: #3e3e3e;  
}  
  
.rightcolumn {  
margin:20px;  
padding: 10px;  
border-radius: 8px;  
}  
  
.section-header {  
font-size: 2em;  
padding-bottom: 20px;  
}
```

```
table{
    border: 2px solid #dddddd;
    width:100%;
    border:0;
}
```

```
th {
    background-color: chocolate;
    text-align: left;
    padding: 8px;
    color: white;
    font-weight: bold;
    font-size: 16px;
}
```

```
td{
    background-color: #f2f2f2;
    text-align: left;
    padding: 8px;
}
```

```
/*tr:nth-child(even) {
    background-color: #dddddd;
}*/
```

```
.id{
    width:5%
}
```

```
.orderid{
    width: 10%;
}
```

```
.orderdate{
    width: 14%;
}
```

```
.address{
    width: 25%;
}
```

```
.delivery{
    width: 20%;
}
```

```
.status{
    font-weight: bold;
}
```

```
@media (max-width:1000px){
    .rightcolumn {
        margin: 20px 0px;
    }
}
```

css\style-login.css

```
@media only screen and (min-width: 825px) {
    /* For desktop: */
    .col-1 {width: 8.33%;}
    .col-2 {width: 16.66%;}
    .col-3 {width: 25%;}
    .col-4 {width: 33.33%;}
    .col-5 {width: 41.66%;}
```

```

.col-6 {width: 50%;}
.col-7 {width: 58.33%;}
.col-8 {width: 66.66%;}
.col-9 {width: 75%;}
.col-10 {width: 83.33%;}
.col-11 {width: 91.66%;}
.col-12 {width: 100%;}
}

@media only screen and (max-width: 880px) {
/* For tablets: */
.col-s-1 {width: 8.33%;}
.col-s-2 {width: 16.66%;}
.col-s-3 {width: 25%;}
.col-s-4 {width: 33.33%;}
.col-s-5 {width: 41.66%;}
.col-s-6 {width: 50%;}
.col-s-7 {width: 58.33%;}
.col-s-8 {width: 66.66%;}
.col-s-9 {width: 75%;}
.col-s-10 {width: 83.33%;}
.col-s-11 {width: 91.66%;}
.col-s-12 {width: 100%;}
}

@media only screen and (max-width: 700px) {
/* For phones: */
.col-xs-1 {width: 8.33%;}
.col-xs-2 {width: 16.66%;}
.col-xs-3 {width: 25%;}
.col-xs-4 {width: 33.33%;}
.col-xs-5 {width: 41.66%;}
.col-xs-6 {width: 50%;}
.col-xs-7 {width: 58.33%;}
.col-xs-8 {width: 66.66%;}
.col-xs-9 {width: 75%;}
.col-xs-10 {width: 83.33%;}
.col-xs-11 {width: 91.66%;}
.col-xs-12 {width: 100%;}
}

[class*="col-"] {
  float: left;
}
/*layout*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}

body {
  margin: 0;
}

/*navbar*/
a{
  text-decoration: none;
}

```

```
ul{
  list-style: none;
}

/* Header */
.header{
  background-color: #F9C450;
  box-shadow: 1px 1px 5px 0px gray;
  position: sticky;
  top: 0;
  width: 100%;
  z-index: 5;
}

/* Logo */
.logo{
  display: inline-block;
  color: black;
  font-size: 36px;
  margin-left: 10px;
}

.logo img {
  vertical-align: middle;
  width: 300px;
  padding: 5px;
}

/* Nav menu */
.nav{
  width: 100%;
  height: 100%;
  position: sticky;
  background-color: #FFF5CC;
  overflow: hidden;
}

.menu a{
  display: block;
  padding: 28px;
  color: black;
  font-size: 18px;
  font-weight: bold;
}

.menu .cart{
  color: black;
  font-size: 25px;
  margin-top: -5px;
}

.menu .cart-total-quantity{
  position: relative;
  top: -4.3em;
  right: -2.9em;
  width: 1.3em;
  height: 1.3em;
  display: inline-flex;
  justify-content: center;
  align-items: center;
  border-radius: 50%;
  background-color: #fb6a01;
```

```

color: white;
opacity: 95%;

}

.menu a:hover{
background-color: whitesmoke;
}

/*active class for navbar*/
.menu .active{
color: #fb6a01;
}

.nav{
max-height: 0;
transition: max-height .5s ease-out;
}

.menu img{
width:20px;
}

/* Menu Icon */
.hamb{
cursor: pointer;
float: right;
padding: 28px 8px;
}

.hamb-line {
background: black;
display: block;
height: 2px;
position: relative;
width: 24px;
}

.hamb-line::before,
.hamb-line::after{
background: black;
content: "";
display: block;
height: 100%;
position: absolute;
transition: all .2s ease-out;
width: 100%;
}

.hamb-line::before{
top: 5px;
}

.hamb-line::after{
top: -5px;
}

.side-menu {
display: none;
}

/* Toggle menu icon */

```

```

.side-menu:checked ~ nav{
  max-height: 100%;
}

.side-menu:checked ~ .hamb .hamb-line {
  background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
  transform: rotate(-45deg);
  top:0;
}

.side-menu:checked ~ .hamb .hamb-line::after {
  transform: rotate(45deg);
  top:0;
}

/* Responsiveness */
@media (min-width: 840px) {

  .nav{
    max-height: none;
    top: 0;
    position: relative;
    float: right;
    width: fit-content;
    background-color: transparent;
  }

  .logo img {
    vertical-align: middle;
    width: 400px;
    padding: 5px;
  }

  .menu li{
    float: left;
  }

  .menu .active{
    color: white;
  }

  .menu a:hover{
    background-color: transparent;
    color: #6d3100;
  }

  .hamb{
    display: none;
    padding: 40px 20px;
  }
}

/*footer*/
.footer{
background:#ffff5cc;
text-align:center;
position: absolute;
width: 100%;
margin-top: auto;
}

```

```
.footer .row{
width:100%;
margin:1% 0%;
padding:0.6% 0%;
color:gray;
font-size:0.8em;
}

.footer .row a{
text-decoration:none;
color:gray;
transition:0.5s;
}

.footer .row a i{
font-size:2em;
margin:0% 1%;
}

@media (max-width:720px){
.footer .row{
    font-size: 0.6em;
    padding:0%;
    margin:0;
}
}

/*login*/
.main{
    padding: 140px 30px;
    padding-bottom: 35vh;
}

#login-header{
    text-align: center;
}

#loginForm{
    justify-items: center;
    display: flex;
    align-items: center;
    align-content: center;
    flex-wrap: wrap;
    flex-direction: column;
}

input[type=text], input[type=password] {
    width: 400px;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 2px solid #ccc;
    box-sizing: border-box;
    border-radius: 8px;
}

input[type=text]:focus, input[type=password]:focus {
    background-color: #ddd;
    outline: none;
}
```

```
/*error message*/
#login-error-msg-holder {
  width: 100%;
  height: 100%;
  display: grid;
  justify-items: center;
  align-items: center;
  padding: 40px;
}

#login-error-msg {
  width: 550px;
  text-align: center;
  margin: 0;
  padding: 10px;
  font-size: 16px;
  font-weight: bold;
  color: #8a0000;
  border: 1px solid #8a0000;
  background-color: #e58f8f;
  /* opacity: 0; */
}

#error-msg-second-line {
  display: block;
}

label{
  font-size: 18px;
}

input[type=submit] {
  border-radius: 8px;
  background-color: #fb6a01;
  border: none;
  color: #FFFFFF;
  text-align: center;
  font-size: 20px;
  font-weight: bold;
  padding: 10px;
  width: 210px;
  cursor: pointer;
  clear: both;
}

input[type=submit]:hover {
  background-color: #ffa86a;
  color: #efefef;
}

/*signup*/
.signup{
  font-size: 14px;
  padding-top: 0px;
  padding-bottom: 30px;
}

/* Responsiveness */
@media (max-width: 840px) {
  #login-error-msg {
    width: 300px;
  }
}
```

```

label{
  font-size: 14px;
}

input[type=text], input[type=password] {
  width: 200px;
}

.signup{
  font-size: 12px;
}

```

css\style-menu.css

```

.row {
  overflow:hidden;
}

@media only screen and (min-width: 1000px) {
  /* For desktop: */
  .col-1 {width: 8.33%;}
  .col-2 {width: 16.66%;}
  .col-3 {width: 25%;}
  .col-4 {width: 33.33%;}
  .col-5 {width: 41.66%;}
  .col-6 {width: 50%;}
  .col-7 {width: 58.33%;}
  .col-8 {width: 66.66%;}
  .col-9 {width: 75%;}
  .col-10 {width: 83.33%;}
  .col-11 {width: 91.66%;}
  .col-12 {width: 100%;}
}

@media only screen and (max-width: 1000px) {
  /* For tablets: */
  .col-s-1 {width: 8.33%;}
  .col-s-2 {width: 16.66%;}
  .col-s-3 {width: 25%;}
  .col-s-4 {width: 33.33%;}
  .col-s-5 {width: 41.66%;}
  .col-s-6 {width: 50%;}
  .col-s-7 {width: 58.33%;}
  .col-s-8 {width: 66.66%;}
  .col-s-9 {width: 75%;}
  .col-s-10 {width: 83.33%;}
  .col-s-11 {width: 91.66%;}
  .col-s-12 {width: 100%;}
}

@media only screen and (max-width: 700px) {
  /* For phones: */
  .col-xs-1 {width: 8.33%;}
  .col-xs-2 {width: 16.66%;}
  .col-xs-3 {width: 25%;}
  .col-xs-4 {width: 33.33%;}
  .col-xs-5 {width: 41.66%;}
  .col-xs-6 {width: 50%;}
  .col-xs-7 {width: 58.33%;}
  .col-xs-8 {width: 66.66%;}
  .col-xs-9 {width: 75%;}
}

```

```

.col-xs-10 {width: 83.33%;}
.col-xs-11 {width: 91.66%;}
.col-xs-12 {width: 100%;}
}

[class*="col-"] {
  float: left;
}
/*layout*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}

body {
  margin:0;
}

/*navbar*/
a{
  text-decoration: none;
}

ul{
  list-style: none;
}

/* Header */
.header{
  background-color: #F9C450;
  box-shadow: 1px 1px 5px 0px gray;
  position: sticky;
  top: 0;
  width: 100%;
  z-index: 5;
}

/* Logo */
.logo{
  display: inline-block;
  color: black;
  font-size: 36px;
  margin-left: 10px;
}

.logo img {
  vertical-align: middle;
  width:300px;
  padding:5px;
}

/* Nav menu */
.nav{
  width: 100%;
  height: 100%;
  position: fixed;
  top: 58px;
  background-color: #FFF5CC;
  overflow: hidden;
}

```

```

.menu a{
  display: block;
  padding: 28px;
  color: black;
  font-size: 18px;
  font-weight:bold;
}

.menu .cart {
  color: black;
  font-size: 25px;
  margin-top: -5px;
}

.menu .cart-total-quantity {
  position: relative;
  top: -4.3em;
  right: -2.9em;
  width: 1.3em;
  height: 1.3em;
  display: inline-flex;
  justify-content: center;
  align-items: center;
  border-radius: 50%;
  background-color: #fb6a01;
  color: white;
  opacity: 95%;
}

.menu a:hover{
  background-color: whitesmoke;
}

/*active class for navbar*/
.menu .active{
  color: #fb6a01;
}

.nav{
  max-height: 0;
  transition: max-height .5s ease-out;
}

.menu img{
  width:20px;
}

/* Menu Icon */
.hamb{
  cursor: pointer;
  float: right;
  padding: 28px 8px;
}

.hamb-line {
  background: black;
  display: block;
  height: 2px;
  position: relative;
  width: 24px;
}

```

```

}

.hamb-line::before,
.hamb-line::after{
  background: black;
  content: "";
  display: block;
  height: 100%;
  position: absolute;
  transition: all .2s ease-out;
  width: 100%;
}

.hamb-line::before{
  top: 5px;
}

.hamb-line::after{
  top: -5px;
}

.side-menu {
  display: none;
}

/* Toggle menu icon */
.side-menu:checked ~ nav{
  max-height: 100%;
}

.side-menu:checked ~ .hamb .hamb-line {
  background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
  transform: rotate(-45deg);
  top:0;
}

.side-menu:checked ~ .hamb .hamb-line::after {
  transform: rotate(45deg);
  top:0;
}

/* Responsiveness */
@media (min-width: 840px) {
  .nav{
    max-height: none;
    top: 0;
    position: relative;
    float: right;
    width: fit-content;
    background-color: transparent;
  }

  .logo img {
    vertical-align: middle;
    width: 400px;
    padding: 5px;
  }

  .menu li{

```

```
    float: left;
}

.menu .active{
  color: white;
}

.menu a:hover{
  background-color: transparent;
  color: #6d3100;
}

.hamb{
  display: none;
  padding: 40px 20px;
}
}

/*footer*/
.footer{
background:#ffff5cc;
text-align:center;
position: absolute;
/*bottom: 0;*/
width: 100%;
}

.footer .row{
width:100%;
margin:1% 0%;
padding:0.6% 0%;
color:gray;
font-size:0.8em;
}

.footer .row a{
text-decoration:none;
color:gray;
transition:0.5s;
}

.footer .row a i{
font-size:2em;
margin:0% 1%;
}

@media (max-width:720px){
.footer .row{
  font-size: 0.6em;
  padding:0%;
  margin:0;
}
}

/*page banner*/
.banner {
  background-color: black;
  height: 420px;
  margin: 0px;
  padding-top: 60px;
}
```

```
.banner h1{  
    font-size: 54px;  
    font-weight: 700;  
    color: #F9C450;  
    margin-bottom: 26px;  
    text-shadow: 8px 7px 12px rgb(115, 79, 42);  
    padding-left:30px;  
}  
  
.banner h5{  
    clear: both;  
    font-size: 24px;  
    font-weight: 300;  
    margin-bottom: 38px;  
    padding-left:30px;  
    color: white;  
}  
  
.banner button {  
    border-radius: 8px;  
    background-color: #fb6a01;  
    border: none;  
    color: #FFFFFF;  
    text-align: center;  
    font-size: 20px;  
    font-weight: bold;  
    padding: 10px;  
    width: 210px;  
    transition: all 0.5s;  
    cursor: pointer;  
    clear: both;  
    margin-left:30px;  
}  
  
.banner button span {  
    cursor: pointer;  
    display: inline-block;  
    position: relative;  
    transition: 0.5s;  
}  
  
.banner button span:after {  
    content: '\00bb';  
    position: absolute;  
    opacity: 0;  
    top: 0;  
    right: -20px;  
    transition: 0.5s;  
}  
  
.banner button:hover span {  
    padding-right: 25px;  
}  
  
.banner button:hover span:after {  
    opacity: 1;  
    right: 0;  
}  
  
.puff{  
    float:right;  
    padding-right: 80px;
```

```

}

@media (max-width:1000px){
  .puff{
    display:none;
  }

  .banner h5{
    font-size: 20px;
    font-weight: 300;
    margin-bottom: 8px;
  }
}

/*menu / order*/
.order{
  padding: 10px 40px 80px;
}

.menutype{
  padding: 0px 45px 20px 45px;
}

.order h1{
  color: #a54a00;
  padding-bottom:10px;
}

.order h3{
  padding-bottom: 15px;
}
.items{
  padding-bottom: 20px;
}

.order .row .card {
  box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);
  max-width: 300px;
  margin: auto;
  text-align: center;
  font-family: arial;
}
.col-s-6{
  padding-top: 15px;
}
.shop-item-title{
  padding: 5px 0px;
  font-weight: 500;
  font-size: 22px;
}
.shop-item-price {
  padding: 5px 0px;
  font-weight:600;
  font-size: 20px;
}

/*quantity*/
.counter {
  width: 150px;
  margin: auto;
  display: flex;
  align-items: center;
}

```

```

justify-content: space-evenly;
padding: 10px;
}
.counter input {
line-height: 30px;
font-size: 18px;
text-align: center;
color: #000;
font-weight: 600;
border-radius: 6px;
}
input[type=number]::-webkit-inner-spin-button {
    opacity: 1
}
.add{
    display: flex;
    justify-content: center;
}
.add input {
padding: 10px;
color: white;
background-color: #a54a00;
border-color: #a54a00;
text-align: center;
cursor: pointer;
width: 30%;
font-size: 16px;
border-radius: 10px;
font-weight: 600;
}
.add input:hover {
    opacity: 0.7;
}

```

css\style-price-update.css

```

@media only screen and (min-width: 1000px) {
/* For desktop: */
.col-1 {width: 8.33%;}
.col-2 {width: 16.66%;}
.col-3 {width: 25%;}
.col-4 {width: 33.33%;}
.col-5 {width: 41.66%;}
.col-6 {width: 50%;}
.col-7 {width: 58.33%;}
.col-8 {width: 66.66%;}
.col-9 {width: 75%;}
.col-10 {width: 83.33%;}
.col-11 {width: 91.66%;}
.col-12 {width: 100%;}
}

@media only screen and (max-width: 1000px) {
/* For tablets: */
.col-s-1 {width: 8.33%;}
.col-s-2 {width: 16.66%;}
.col-s-3 {width: 25%;}
.col-s-4 {width: 33.33%;}
.col-s-5 {width: 41.66%;}
.col-s-6 {width: 50%;}

```

```

.col-s-7 {width: 58.33%;}
.col-s-8 {width: 66.66%;}
.col-s-9 {width: 75%;}
.col-s-10 {width: 83.33%;}
.col-s-11 {width: 91.66%;}
.col-s-12 {width: 100%;}
}

@media only screen and (max-width: 700px) {
/* For phones: */
.col-xs-1 {width: 8.33%;}
.col-xs-2 {width: 16.66%;}
.col-xs-3 {width: 25%;}
.col-xs-4 {width: 33.33%;}
.col-xs-5 {width: 41.66%;}
.col-xs-6 {width: 50%;}
.col-xs-7 {width: 58.33%;}
.col-xs-8 {width: 66.66%;}
.col-xs-9 {width: 75%;}
.col-xs-10 {width: 83.33%;}
.col-xs-11 {width: 91.66%;}
.col-xs-12 {width: 100%;}
}

[class*="col-"] {
  float: left;
}
/*layout*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}

body {
  margin:0;
  min-height: 100vh;

  display: flex;
  flex-direction: column;
}

/*navbar*/
a{
  text-decoration: none;
}

ul{
  list-style: none;
}

/* Header */
.header{
  background-color: #F9C450;
  box-shadow: 1px 1px 5px 0px gray;
  position: sticky;
  top: 0;
  width: 100%;
  z-index: 5;
}

```

```

/* Logo */
.logo{
  display: inline-block;
  color: black;
  font-size: 36px;
  margin-left: 10px;
}

.logo img {
  vertical-align: middle;
  width: 300px;
  padding: 5px;
}

/* Nav menu */
.nav{
  width: 100%;
  height: 100%;
  position: fixed;
  top: 58px;
  background-color: #FFF5CC;
  overflow: hidden;
}

.menu a{
  display: block;
  padding: 28px;
  color: black;
  font-size: 18px;
  font-weight: bold;
}

.menu .cart {
  color: black;
  font-size: 25px;
  margin-top: -5px;
}

.menu .cart-total-quantity {
  position: relative;
  top: -4.3em;
  right: -2.9em;
  width: 1.3em;
  height: 1.3em;
  display: inline-flex;
  justify-content: center;
  align-items: center;
  border-radius: 50%;
  background-color: #fb6a01;
  color: white;
  opacity: 95%;
}

.menu a:hover{
  background-color: whitesmoke;
}

/*active class for navbar*/
.menu .active{
  color: #fb6a01;
}

```

```

}

.nav{
  max-height: 0;
  transition: max-height .5s ease-out;
}

.menu img{
  width:20px;
}

/* Menu Icon */
.hamb{
  cursor: pointer;
  float: right;
  padding:28px 8px;
}

.hamb-line {
  background: black;
  display: block;
  height: 2px;
  position: relative;
  width: 24px;
}

.hamb-line::before,
.hamb-line::after{
  background: black;
  content: "";
  display: block;
  height: 100%;
  position: absolute;
  transition: all .2s ease-out;
  width: 100%;
}

.hamb-line::before{
  top: 5px;
}

.hamb-line::after{
  top: -5px;
}

.side-menu {
  display: none;
}

/* Toggle menu icon */
.side-menu:checked ~ nav{
  max-height: 100%;
}

.side-menu:checked ~ .hamb .hamb-line {
  background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
  transform: rotate(-45deg);
  top:0;
}

```

```

.side-menu:checked ~ .hamb .hamb-line::after {
  transform: rotate(45deg);
  top:0;
}

/* Responsiveness */
@media (min-width: 840px) {
  .nav{
    max-height: none;
    top: 0;
    position: relative;
    float: right;
    width: fit-content;
    background-color: transparent;
  }

  .logo img {
    vertical-align: middle;
    width: 400px;
    padding: 5px;
  }

  .menu li{
    float: left;
  }

  .menu .active{
    color: white;
  }

  .menu a:hover{
    background-color: transparent;
    color: #6d3100;
  }

  .hamb{
    display: none;
    padding: 40px 20px;
  }
}

/*footer*/
.footer{
background:#fff5cc;
text-align:center;
position: absolute;
margin-top: auto;
width: 100%;
}

.footer .row{
width:100%;
margin:1% 0%;
padding:0.6% 0%;
color:gray;
font-size:0.8em;
}

.footer .row a{
text-decoration:none;
color:gray;
}

```

```

transition:0.5s;
}

.footer .row a i{
font-size:2em;
margin:0% 1%;
}

@media (max-width:720px){
.footer .row{
    font-size: 0.6em;
    padding:0%;
    margin:0;
}
}

.history{
padding: 30px;
}

.leftcolumn {
margin-top:20px;
padding: 10px 0px;
background-color: #f2f2f2;
border-radius: 8px;
}

.leftcolumn ul li {
margin: 20px;
}

.leftcolumn ul li a {
font-weight: bold;
color: #000000;
font-size: 18px;
}

.leftcolumn ul li a:hover {
color: #3e3e3e;
}

.rightcolumn {
margin:20px;
padding: 10px;
border-radius: 8px;
}

.section-header {
font-size: 2em;
padding-bottom: 20px;
}

table{
border: 2px solid #dddddd;
width:100%;
border:0;
}

th {
background-color: chocolate;
text-align: left;
}

```

```

padding: 8px;
color: white;
font-weight: bold;
font-size: 16px;
}

td{
background-color: #f2f2f2;
text-align: left;
padding: 8px;
}

/*tr:nth-child(even) {
background-color: #dddddd;
}*/

.id{
width:5%
}

.name{
width: 23%;
}
.category{
width: 12%;
}
.price{
width: 10%;
}
.newprice{
width: 1%;
}
.submit{
width: 1%;
}

.btn {
color: white;
background-color: #a54a00;
border: none;
border-radius: .3em;
font-weight: bold;
padding: .4em .4em;
}

.btn-disabled {
color: white;
background-color: grey;
border: none;
border-radius: .3em;
font-weight: bold;
padding: .4em .4em;
}

.btn:hover {
background-color: #ae8462;
}

.input-price {
height: 25px;
width: 100px;
}

```

```

border-radius: 5px;
border: 1px solid;
padding: 0;
text-align: center;
margin-right: 25px;
}

@media (max-width:1000px){
    .rightcolumn {
        margin: 20px 0px;
    }
}

```

css\style-signup.css

```

@media only screen and (min-width: 825px) {
    /* For desktop: */
    .col-1 {width: 8.33%;}
    .col-2 {width: 16.66%;}
    .col-3 {width: 25%;}
    .col-4 {width: 33.33%;}
    .col-5 {width: 41.66%;}
    .col-6 {width: 50%;}
    .col-7 {width: 58.33%;}
    .col-8 {width: 66.66%;}
    .col-9 {width: 75%;}
    .col-10 {width: 83.33%;}
    .col-11 {width: 91.66%;}
    .col-12 {width: 100%;}
}

@media only screen and (max-width: 880px) {
    /* For tablets: */
    .col-s-1 {width: 8.33%;}
    .col-s-2 {width: 16.66%;}
    .col-s-3 {width: 25%;}
    .col-s-4 {width: 33.33%;}
    .col-s-5 {width: 41.66%;}
    .col-s-6 {width: 50%;}
    .col-s-7 {width: 58.33%;}
    .col-s-8 {width: 66.66%;}
    .col-s-9 {width: 75%;}
    .col-s-10 {width: 83.33%;}
    .col-s-11 {width: 91.66%;}
    .col-s-12 {width: 100%;}
}

@media only screen and (max-width: 700px) {
    /* For phones: */
    .col-xs-1 {width: 8.33%;}
    .col-xs-2 {width: 16.66%;}
    .col-xs-3 {width: 25%;}
    .col-xs-4 {width: 33.33%;}
    .col-xs-5 {width: 41.66%;}
    .col-xs-6 {width: 50%;}
    .col-xs-7 {width: 58.33%;}
    .col-xs-8 {width: 66.66%;}
    .col-xs-9 {width: 75%;}
    .col-xs-10 {width: 83.33%;}
    .col-xs-11 {width: 91.66%;}
    .col-xs-12 {width: 100%;}
}

```

```

[class*="col-"] {
  float: left;
}
/*layout*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}

body {
  margin:0;
}

/*navbar*/
a{
  text-decoration: none;
}

ul{
  list-style: none;
}

/* Header */
.header{
  background-color: #F9C450;
  box-shadow: 1px 1px 5px 0px gray;
  position: sticky;
  top: 0;
  width: 100%;
  z-index: 5;
}

/* Logo */
.logo{
  display: inline-block;
  color: black;
  font-size: 36px;
  margin-left: 10px;
}

.logo img {
  vertical-align: middle;
  width:300px;
  padding:5px;
}

/* Nav menu */
.nav{
  width: 100%;
  height: 100%;
  position: sticky;
  background-color: #FFF5CC;
  overflow: hidden;
}

.menu a{
  display: block;
  padding: 28px;
  color: black;
  font-size: 18px;
}

```

```

    font-weight:bold;
}

.menu .cart {
  color: black;
  font-size: 25px;
  margin-top: -5px;
}

.menu .cart-total-quantity {
  position: relative;
  top: -4.3em;
  right: -2.9em;
  width: 1.3em;
  height: 1.3em;
  display: inline-flex;
  justify-content: center;
  align-items: center;
  border-radius: 50%;
  background-color: #fb6a01;
  color: white;
  opacity: 95%;
}

.menu a:hover{
  background-color: whitesmoke;
}

/*active class for navbar*/
.menu .active{
  color: #fb6a01;
}

.nav{
  max-height: 0;
  transition: max-height .5s ease-out;
}

.menu img{
  width:20px;
}

/* Menu Icon */
.hamb{
  cursor: pointer;
  float: right;
  padding: 28px 8px;
}

.hamb-line {
  background: black;
  display: block;
  height: 2px;
  position: relative;
  width: 24px;
}

.hamb-line::before,
.hamb-line::after{
  background: black;
  content: "";
}

```

```

display: block;
height: 100%;
position: absolute;
transition: all .2s ease-out;
width: 100%;
}

.hamb-line::before{
  top: 5px;
}

.hamb-line::after{
  top: -5px;
}

.side-menu {
  display: none;
}

/* Toggle menu icon */
.side-menu:checked ~ nav{
  max-height: 100%;
}

.side-menu:checked ~ .hamb .hamb-line {
  background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
  transform: rotate(-45deg);
  top:0;
}

.side-menu:checked ~ .hamb .hamb-line::after {
  transform: rotate(45deg);
  top:0;
}

/* Responsiveness */
@media (min-width: 840px) {
  .nav{
    max-height: none;
    top: 0;
    position: relative;
    float: right;
    width: fit-content;
    background-color: transparent;
  }

  .logo img {
    vertical-align: middle;
    width: 400px;
    padding: 5px;
  }

  .menu li{
    float: left;
  }

  .menu .active{
    color: white;
  }
}

```

```

.menu a:hover{
    background-color: transparent;
    color: #6d3100;
}

.hamb{
    display: none;
    padding: 40px 20px;
}
}

/*footer*/
.footer{
background:#fff5cc;
text-align:center;
position: absolute;
width: 100%;
}

.footer .row{
width:100%;
margin:1% 0%;
padding:0.6% 0%;
color:gray;
font-size:0.8em;
}

.footer .row a{
text-decoration:none;
color:gray;
transition:0.5s;
}

.footer .row a i{
font-size:2em;
margin:0% 1%;
}

@media (max-width:720px){
.footer .row{
    font-size: 0.6em;
    padding:0%;
    margin:0;
}
}

/*login*/
.main{
    padding: 100px 30px;
}

#signup-header, .formp{
    text-align: center;
    padding: 10px 0;
}

form{
justify-items: center;
display: flex;
align-items: center;
align-content: center;

```

```

flex-wrap: wrap;
flex-direction: column;
}

.field{
padding:10px 15px;
}

input[type=text], input[type=password] {
width: 100%;
padding: 12px 20px;
margin: 8px 0;
display: inline-block;
border: 2px solid #ccc;
box-sizing: border-box;
border-radius: 8px;
}

input[type=text]:focus, input[type=password]:focus {
background-color: #ddd;
outline: none;
}

label{
font-size: 16px;
font-weight:bold;
}

button {
border-radius: 8px;
background-color: #fb6a01;
border: none;
color: #FFFFFF;
text-align: center;
font-size: 20px;
font-weight: bold;
padding: 10px;
width: 250px;
cursor: pointer;
clear: both;
}

button:hover {
background-color: #ffa86a;
color: #efefef;
}

/*error message for passwords*/
/* The message box is shown when the user clicks on the password field */
#message {
display:none;
background: #f1f1f1;
color: #000;
position: relative;
padding: 20px;
margin-top: 10px;
}

#message p {
padding: 10px 35px;
font-size: 18px;
}

```

```

/* Add a green text color and a checkmark when the requirements are right */
.valid {
  color: green;
}

.valid:before {
  position: relative;
  left: -35px;
  content: "✓";
}

/* Add a red text color and an "x" when the requirements are wrong */
.invalid {
  color: red;
}

.invalid:before {
  position: relative;
  left: -35px;
  content: "✗";
}

/* Responsiveness */
@media (max-width: 840px) {

  button{
    width:180px;
  }

  p, label, h3{
    font-size: 14px;
  }

  h1{
    font-size:20px;
  }
  #message p {
    font-size:14px;
  }

}

```

css\style-thankyou.css

```

@media only screen and (min-width: 825px) {
  /* For desktop: */
  .col-1 {width: 8.33%;}
  .col-2 {width: 16.66%;}
  .col-3 {width: 25%;}
  .col-4 {width: 33.33%;}
  .col-5 {width: 41.66%;}
  .col-6 {width: 50%;}
  .col-7 {width: 58.33%;}
  .col-8 {width: 66.66%;}
  .col-9 {width: 75%;}
  .col-10 {width: 83.33%;}
  .col-11 {width: 91.66%;}
  .col-12 {width: 100%;}
}

@media only screen and (max-width: 880px) {
  /* For tablets: */

```

```

.col-s-1 {width: 8.33%;}
.col-s-2 {width: 16.66%;}
.col-s-3 {width: 25%;}
.col-s-4 {width: 33.33%;}
.col-s-5 {width: 41.66%;}
.col-s-6 {width: 50%;}
.col-s-7 {width: 58.33%;}
.col-s-8 {width: 66.66%;}
.col-s-9 {width: 75%;}
.col-s-10 {width: 83.33%;}
.col-s-11 {width: 91.66%;}
.col-s-12 {width: 100%;}
}

@media only screen and (max-width: 700px) {
/* For phones: */
.col-xs-1 {width: 8.33%;}
.col-xs-2 {width: 16.66%;}
.col-xs-3 {width: 25%;}
.col-xs-4 {width: 33.33%;}
.col-xs-5 {width: 41.66%;}
.col-xs-6 {width: 50%;}
.col-xs-7 {width: 58.33%;}
.col-xs-8 {width: 66.66%;}
.col-xs-9 {width: 75%;}
.col-xs-10 {width: 83.33%;}
.col-xs-11 {width: 91.66%;}
.col-xs-12 {width: 100%;}
}

[class*="col-"] {
  float: left;
}
/*layout*/
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: sans-serif;
}

body {
  margin:0;
}

/*navbar*/
a{
  text-decoration: none;
}

ul{
  list-style: none;
}

/* Header */
.header{
  background-color: #F9C450;
  box-shadow: 1px 1px 5px 0px gray;
  position: sticky;
  top: 0;
  width: 100%;
  z-index: 5;
}

```

```

}

/* Logo */
.logo{
  display: inline-block;
  color: black;
  font-size: 36px;
  margin-left: 10px;
}

.logo img {
  vertical-align: middle;
  width: 300px;
  padding: 5px;
}

/* Nav menu */
.nav{
  width: 100%;
  height: 100%;
  position: sticky;
  background-color: #FFF5CC;
  overflow: hidden;
}

.menu a{
  display: block;
  padding: 28px;
  color: black;
  font-size: 18px;
  font-weight: bold;
}

.menu .cart {
  color: black;
  font-size: 25px;
  margin-top: -5px;
}

.menu .cart-total-quantity {
  position: relative;
  top: -4.3em;
  right: -2.9em;
  width: 1.3em;
  height: 1.3em;
  display: inline-flex;
  justify-content: center;
  align-items: center;
  border-radius: 50%;
  background-color: #fb6a01;
  color: white;
  opacity: 95%;
}

.menu a:hover{
  background-color: whitesmoke;
}

/*active class for navbar*/
.menu .active{
  color: #fb6a01;
}

```

```

}

.nav{
  max-height: 0;
  transition: max-height .5s ease-out;
}

.menu img{
  width:20px;
}

/* Menu Icon */
.hamb{
  cursor: pointer;
  float: right;
  padding:28px 8px;
}

.hamb-line {
  background: black;
  display: block;
  height: 2px;
  position: relative;
  width: 24px;
}

.hamb-line::before,
.hamb-line::after{
  background: black;
  content: "";
  display: block;
  height: 100%;
  position: absolute;
  transition: all .2s ease-out;
  width: 100%;
}

.hamb-line::before{
  top: 5px;
}

.hamb-line::after{
  top: -5px;
}

.side-menu {
  display: none;
}

/* Toggle menu icon */
.side-menu:checked ~ nav{
  max-height: 100%;
}

.side-menu:checked ~ .hamb .hamb-line {
  background: transparent;
}

.side-menu:checked ~ .hamb .hamb-line::before {
  transform: rotate(-45deg);
  top:0;
}

```

```

.side-menu:checked ~ .hamb .hamb-line::after {
  transform: rotate(45deg);
  top:0;
}

/* Responsiveness */
@media (min-width: 840px) {
  .nav{
    max-height: none;
    top: 0;
    position: relative;
    float: right;
    width: fit-content;
    background-color: transparent;
  }

  .logo img {
    vertical-align: middle;
    width: 400px;
    padding: 5px;
  }

  .menu li{
    float: left;
  }

  .menu .active{
    color: white;
  }

  .menu a:hover{
    background-color: transparent;
    color: #6d3100;
  }

  .hamb{
    display: none;
    padding: 40px 20px;
  }
}

/*footer*/
.footer{
background:#fff5cc;
text-align:center;
position: absolute;
width: 100%;
bottom: 0px;
}

.footer .row{
width:100%;
margin:1% 0%;
padding:0.6% 0%;
color:gray;
font-size:0.8em;
}

.footer .row a{
text-decoration:none;
color:gray;
}

```

```

transition:0.5s;
}

.footer .row a i{
font-size:2em;
margin:0% 1%;
}

@media (max-width:720px){
.footer .row{
    font-size: 0.6em;
    padding:0%;
    margin:0;
}
}

/*login*/
.main{
padding: 100px 30px;
text-align: center;
height:99vh;
}

#thank-header{
padding: 50px 0;
font-size: 106px;
color: #6d3100;
}

.complete{
font-size:38px;
padding-bottom: 100px;
}

.detail{
font-size: 22px;
}

/* Responsiveness */
@media (max-width: 840px) {
.main{
padding: 60px 20px;
}
#thank-header{
padding: 20px 0;
font-size: 48px;
}
.complete{
font-size:28px;
padding-bottom: 30px;
}
.detail{
font-size: 14px;
}
}

```

javascript\cart.js

```

var curryTotal = Number(document.getElementById("curryTotal").textContent);
var tunaTotal = Number(document.getElementById("tunaTotal").textContent);
var mushroomTotal = Number(document.getElementById("mushroomTotal").textContent);
var crollTotal = Number(document.getElementById("crollTotal").textContent);
var sugarTotal = Number(document.getElementById("sugarTotal").textContent);

```

```

var mangoTotal = Number(document.getElementById("mangoTotal").textContent);
var butterTotal = Number(document.getElementById("butterTotal").textContent);
var marbleTotal = Number(document.getElementById("marbleTotal").textContent);
var bananaTotal = Number(document.getElementById("bananaTotal").textContent);
var custardTotal = Number(document.getElementById("custardTotal").textContent);
var almondTotal = Number(document.getElementById("almondTotal").textContent);
var chocolateTotal = Number(document.getElementById("chocolateTotal").textContent);

function curryCalculate(){
    var curryQty = Number(document.getElementById("curryQty").value);
    var curry = Number(document.getElementById("curryPrice").textContent);

    curryTotal = curryQty * curry;
    document.getElementById("curryTotalfinal").innerHTML = "$" + curryTotal.toFixed(2);

    totalPrice = curryTotal + tunaTotal + mushroomTotal +
        crollTotal + sugarTotal + mangoTotal +
        butterTotal + marbleTotal + bananaTotal +
        custardTotal + almondTotal + chocolateTotal;
    document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function tunaCalculate(){
    var tunaQty = Number(document.getElementById("tunaQty").value);
    var tuna = Number(document.getElementById("tunaPrice").textContent);

    tunaTotal = tunaQty * tuna;
    document.getElementById("tunaTotalfinal").innerHTML = "$" + tunaTotal.toFixed(2);

    totalPrice = curryTotal + tunaTotal + mushroomTotal +
        crollTotal + sugarTotal + mangoTotal +
        butterTotal + marbleTotal + bananaTotal +
        custardTotal + almondTotal + chocolateTotal;
    document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function mushroomCalculate(){
    var mushroomQty = Number(document.getElementById("mushroomQty").value);
    var mushroom = Number(document.getElementById("mushroomPrice").textContent);

    mushroomTotal = mushroomQty * mushroom;
    document.getElementById("mushroomTotalfinal").innerHTML = "$" + mushroomTotal.toFixed(2);

    totalPrice = curryTotal + tunaTotal + mushroomTotal +
        crollTotal + sugarTotal + mangoTotal +
        butterTotal + marbleTotal + bananaTotal +
        custardTotal + almondTotal + chocolateTotal;
    document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function crollCalculate(){
    var crollQty = Number(document.getElementById("crollQty").value);
    var croll = Number(document.getElementById("crollPrice").textContent);

    crollTotal = crollQty * croll;
    document.getElementById("crollTotalfinal").innerHTML = "$" + crollTotal.toFixed(2);

    totalPrice = curryTotal + tunaTotal + mushroomTotal +
        crollTotal + sugarTotal + mangoTotal +
        butterTotal + marbleTotal + bananaTotal +
        custardTotal + almondTotal + chocolateTotal;
}

```

```

document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function sugarCalculate(){
var sugarQty = Number(document.getElementById("sugarQty").value);
var sugar = Number(document.getElementById("sugarPrice").textContent);

sugarTotal = sugarQty * sugar;
document.getElementById("sugarTotalfinal").innerHTML = "$" + sugarTotal.toFixed(2);

totalPrice = curryTotal + tunaTotal + mushroomTotal +
crollTotal + sugarTotal + mangoTotal +
butterTotal + marbleTotal + bananaTotal +
custardTotal + almondTotal + chocolateTotal;
document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function mangoCalculate(){
var mangoQty = Number(document.getElementById("mangoQty").value);
var mango = Number(document.getElementById("mangoPrice").textContent);

mangoTotal = mangoQty * mango;
document.getElementById("mangoTotalfinal").innerHTML = "$" + mangoTotal.toFixed(2);

totalPrice = curryTotal + tunaTotal + mushroomTotal +
crollTotal + sugarTotal + mangoTotal +
butterTotal + marbleTotal + bananaTotal +
custardTotal + almondTotal + chocolateTotal;
document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function butterCalculate(){
var butterQty = Number(document.getElementById("butterQty").value);
var butter = Number(document.getElementById("butterPrice").textContent);

butterTotal = butterQty * butter;
document.getElementById("butterTotalfinal").innerHTML = "$" + butterTotal.toFixed(2);

totalPrice = curryTotal + tunaTotal + mushroomTotal +
crollTotal + sugarTotal + mangoTotal +
butterTotal + marbleTotal + bananaTotal +
custardTotal + almondTotal + chocolateTotal;
document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function marbleCalculate(){
var marbleQty = Number(document.getElementById("marbleQty").value);
var marble = Number(document.getElementById("marblePrice").textContent);

marbleTotal = marbleQty * marble;
document.getElementById("marbleTotalfinal").innerHTML = "$" + marbleTotal.toFixed(2);

totalPrice = curryTotal + tunaTotal + mushroomTotal +
crollTotal + sugarTotal + mangoTotal +
butterTotal + marbleTotal + bananaTotal +
custardTotal + almondTotal + chocolateTotal;
document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function bananaCalculate(){
var bananaQty = Number(document.getElementById("bananaQty").value);
var banana = Number(document.getElementById("bananaPrice").textContent);

```

```

bananaTotal = bananaQty * banana;
document.getElementById("bananaTotalfinal").innerHTML = "$" + bananaTotal.toFixed(2);

totalPrice = curryTotal + tunaTotal + mushroomTotal +
crollTotal + sugarTotal + mangoTotal +
butterTotal + marbleTotal + bananaTotal +
custardTotal + almondTotal + chocolateTotal;
document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function custardCalculate(){
var custardQty = Number(document.getElementById("custardQty").value);
var custard = Number(document.getElementById("custardPrice").textContent);

custardTotal = custardQty * custard;
document.getElementById("custardTotalfinal").innerHTML = "$" + custardTotal.toFixed(2);

totalPrice = curryTotal + tunaTotal + mushroomTotal +
crollTotal + sugarTotal + mangoTotal +
butterTotal + marbleTotal + bananaTotal +
custardTotal + almondTotal + chocolateTotal;
document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function almondCalculate(){
var almondQty = Number(document.getElementById("almondQty").value);
var almond = Number(document.getElementById("almondPrice").textContent);

almondTotal = almondQty * almond;
document.getElementById("almondTotalfinal").innerHTML = "$" + almondTotal.toFixed(2);

totalPrice = curryTotal + tunaTotal + mushroomTotal +
crollTotal + sugarTotal + mangoTotal +
butterTotal + marbleTotal + bananaTotal +
custardTotal + almondTotal + chocolateTotal;
document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

function chocolateCalculate(){
var chocolateQty = Number(document.getElementById("chocolateQty").value);
var chocolate = Number(document.getElementById("chocolatePrice").textContent);

chocolateTotal = chocolateQty * chocolate;
document.getElementById("chocolateTotalfinal").innerHTML = "$" + chocolateTotal.toFixed(2);

totalPrice = curryTotal + tunaTotal + mushroomTotal +
crollTotal + sugarTotal + mangoTotal +
butterTotal + marbleTotal + bananaTotal +
custardTotal + almondTotal + chocolateTotal;
document.getElementById("cart-total-price").innerHTML = "$" + totalPrice.toFixed(2);
}

```

javascript\checkout.js

```

function validateDate(){
var date = new Date (document.getElementById('date').value);
var today = new Date();

if(date > today){
    return true;
} else {
    alert("Delivery date cannot be from today or the past, please pick a future date.");
}

```

```

        document.getElementById('date').value = "";
    }

}

/*function validateFirstName(){
    var fname = document.getElementById('firstName').value;
    // ^ - start, $ - end
    var checkname = /^[A-Za-z\s]*$/;

    if(checkname.test(fname)){
        return true;
    } else {
        alert("The First Name you entered (" + fname +
        ") is not valid. First Name should contain alphabet characters & characters spaces only.");
    }
}

function validateLastName(){
    var lastname = document.getElementById('lastName').value;
    var checkname = /^[A-Za-z\s]*$/;

    if(checkname.test(lastname)){
        return true;
    } else {
        alert("The Last Name you entered (" + lastname +
        ") is not valid. Last Name should contain alphabet characters & characters spaces only.");
    }
}

var address = document.getElementById('address').value;
var checkaddr = /^[^\w]*/;

if(checkaddr.test(address)){
    return true;
} else {
    alert("The Address you entered (" + address +
    ") is not valid. Address should contain alphabet characters & digits only.");
}
}*/
```

```

function validatePostal(){
    var postal = document.getElementById('postal').value;
    var checkpostal = /^\d{6}$/;

    if(checkpostal.test(postal)){
        return true;
    } else {
        alert("The postal code you entered (" + postal +
        ") is not valid. Please enter a valid 6 number digits Postal Code.");
    }
}

function validateFloor(){
    var floor = document.getElementById('floor').value;
    var checkfloor = /\w{1,3}/;

    if(checkfloor.test(floor)){
        return true;
    } else {
```

```

        alert("The Floor you entered (" + floor +
      ") is not valid. Floor should contain 1 to 3 letter or numbers.");
    }
}

function validateUnit(){
  var unit = document.getElementById('unit').value;
  var checkunit = /^[w]{1,4}$/;

  if(checkunit.test(unit)){
    return true;
  } else {
    alert("The Unit you entered (" + unit +
      ") is not valid. Unit should contain 1 to 4 letter or numbers.");
  }
}

/*function validatePhone(){
  var phone = document.getElementById('phone').value;
  var checkphone = /^\d{8}$/;

  if(checkphone.test(phone)){
    return true;
  } else {
    alert("The Contact Number you entered (" + phone +
      ") is not valid. The Contact Number should contain 8 number digits only.");
  }
}*/

function validateDiscount(){
  var discountcode = document.getElementById('discountcode').value;
  var initialtotal = Number(document.getElementById('checkout-subtotal').textContent);

  if(discountcode == "FREEDELIVERY" || discountcode == "freedelivery" ){
    document.getElementById("discount").style.display = "block";
    document.getElementById("discountP").style.display = "block";
    alert("Discount applied!");

    document.getElementById('checkout-total').innerHTML = initialtotal.toFixed(2);
  } else {
    document.getElementById("discount").style.display = "none";
    document.getElementById("discountP").style.display = "none";
    alert("The Discount Code you entered (" + discountcode +
      ") is not valid. Please try again.");
  }

  finaltotal = initialtotal + 4;

  document.getElementById('checkout-total').innerHTML = finaltotal.toFixed(2);
}

function validateName(){
  var name = document.getElementById('name').value;
  //check name with only alphabet characters & characters spaces
  // ^ - start, $ - end
  var checkname = /^[A-Za-z\s]*$/;

  if(checkname.test(name)){
    return true;
  } else {
    alert("The Name you entered (" + name +
      ") is not valid. Name should contain alphabet characters & characters spaces only.");
  }
}

```

```

    }

}

function validateCard() {
    var ccnum = document.getElementById('ccnum').value;
    var checkccnum = /\d{4}-\d{4}-\d{4}-\d{4}/;

    if(checkccnum.test(ccnum)){
        return true;
    } else {
        alert("The Card Number you entered (" + ccnum +
        ") is not in the correct form. \n" +
        "The correct form is: dddd-dddd-dddd-dddd \n" +
        "Please try again");
        return false;
    }
}

function validateMM() {
    var expmm = document.getElementById('expmm').value;
    var checkccnum = /\d{2}/;

    if(checkccnum.test(expmm)){
        return true;
    } else {
        alert("The card's expiry month you entered (" + expmm +
        ") is not in the correct form. \n" +
        "It should be contain 2 number digits only. \n" +
        "Please try again.");
        return false;
    }
}

function validateYY() {
    var expyy = document.getElementById('expyy').value;
    var checkccnum = /\d{2}/;

    if(checkccnum.test(expyy)){
        return true;
    } else {
        alert("The card's expiry year you entered (" + expyy +
        ") is not in the correct form. \n" +
        "It should be contain 2 number digits only. \n" +
        "Please try again.");
        return false;
    }
}

function validateCVV() {
    var cvv = document.getElementById('cvv').value;
    var checkccnum = /\d{3}/;

    if(checkccnum.test(cvv)){
        return true;
    } else {
        alert("The card's CVV you entered (" + cvv +
        ") is not in the correct form. \n" +
        "It should have 3 number digits only. \n" +
        "Please try again.");
        return false;
    }
}

```

```

        }

function chkForm(){
    /*var fname = document.getElementById('firstName').value;
    var checkname = /^[A-Za-z\s]*$/;

    if(!checkname.test(fname)) {
        alert("The First Name you entered (" + fname +
        ") is not valid. First Name should contain alphabet characters & characters spaces only.");
        return false;
    }

    var lastname = document.getElementById('lastName').value;
    var checkname = /^[A-Za-z\s]*$/;
    if(!checkname.test(lastname)) {
        alert("The Last Name you entered (" + lastname +
        ") is not valid. Last Name should contain alphabet characters & characters spaces only.");
        return false;
    }

    var address = document.getElementById('address').value;
    var checkaddr = /^[^\w\b]/;
    if(!checkaddr.test(address)){
        alert("The Address you entered (" + address +
        ") is not valid. Address should contain alphabet characters & digits only.");
        return false;
    }*/

    var postal = document.getElementById('postal').value;
    var checkpostal = /^\d{6}$/;
    if(!checkpostal.test(postal)){
        alert("The postal code you entered (" + postal +
        ") is not valid. Please enter a valid 6 number digits Postal Code.");
        return false;
    }

    var floor = document.getElementById('floor').value;
    var checkfloor = /^[^\w\b]{1,3}\$/;
    if(!checkfloor.test(floor)){
        alert("The Floor you entered (" + floor +
        ") is not valid. Floor should contain 1 to 3 letter or numbers.");
        return false;
    }

    var unit = document.getElementById('unit').value;
    var checkunit = /^[^\w\b]{1,4}\$/;
    if(!checkunit.test(unit)){
        alert("The Unit you entered (" + unit +
        ") is not valid. Unit should contain 1 to 4 letter or numbers.");
        return false;
    }

    /*var phone = document.getElementById('phone').value;
    var checkphone = /^\d{8}\$/;
    if(!checkphone.test(phone)){
        alert("The Contact Number you entered (" + phone +
        ") is not valid. The Contact Number should contain 8 number digits only.");
        return false;
    }*/

    var name = document.getElementById('name').value;
}

```

```

var checkname = /^[A-Za-z\s]*$/;
if(!checkname.test(name)){
    alert("The Name you entered (" + name +
    ") is not valid. Name should contain alphabet characters & characters spaces only. ");
    return false;
}

var ccnum = document.getElementById('ccnum').value;
var checkccnum = /^\d{4}-\d{4}-\d{4}-\d{4}$/;
if(!checkccnum.test(ccnum)){
    alert("The Card Number you entered (" + ccnum +
    ") is not in the correct form. \n" +
    "The correct form is: dddd-dddd-dddd-dddd \n" +
    "Please try again");
    return false;
}
}

```

javascript\contact.js

```

function validateFirstName(){
    var fname = document.getElementById('fname').value;
    // ^ - start, $ - end
    var checkname = /^[A-Za-z\s]*$/;

    if(checkname.test(fname)){
        return true;
    } else {
        alert("The First Name you entered (" + fname +
        ") is not valid. First Name should contain alphabet characters & characters spaces only.");
        return false;
    }
}

function validateLastName(){
    var lastname = document.getElementById('lname').value;
    var checkname = /^[A-Za-z\s]*$/;

    if(checkname.test(lastname)){
        return true;
    } else {
        alert("The Last Name you entered (" + lastname +
        ") is not valid. Last Name should contain alphabet characters & characters spaces only.");
        return false;
    }
}

function validateEmail(){
    var email = document.getElementById('email').value;
    //contains a user name then @ and domain
    //username: word characters, hyphen ("-") and period ("."), 2 to 4 addr extension
    //each extension: word then a period ("."), last ext must have 2 or 3 characters
    //user-name.tiffany@domain.ntu.edu.sg
    //var checkemail = /^[\w+([.-]?\w+)*@\w+([.-]?\w+)*(\.\w{2,3})+$/
    var checkemail = /^[\w-]+@[((\w+)|(\w+\.\w+))|((\w+\.\w+).(\w+))].[A-Za-z]{2,3}$/;

    if(checkemail.test(email)){
        return true;
    } else {
        alert("The Email you entered (" + email +
        ") is not valid. Please check again.");
    }
}

```

```

        return false;
    }

}

function validatePhone(){
    var phone = document.getElementById('phone').value;
    var checkphone = /^\d{8}$/;

    if(checkphone.test(phone)){
        return true;
    } else {
        alert("The Contact Number you entered (" + phone +
        ") is not valid. The Contact Number should contain 8 number digits only.");
        return false;
    }
}

function chkForm(){
    var fname = document.getElementById('fname').value;
    var checkname = /^[A-Za-z\s]*$/;

    if(!checkname.test(fname)) {
        alert("The First Name you entered (" + fname +
        ") is not valid. First Name should contain alphabet characters only. First letter should be
capitalized.");
        return false;
    }

    var email = document.getElementById('email').value;
    var checkemail = /^[w.-]+@[((w+)|(w+\.\w+)|(w+\.\w+\.\w+))].[A-Za-z]{2,3}$/;
    if(!checkemail.test(email)) {
        alert("The Email you entered (" + email +
        ") is not valid. Please check again.");
        return false;
    }
}

```

javascript\signup.js

```

function validateFirstName(){
    var name = document.getElementById('firstName').value;
    // ^ - start, $ - end
    var checkname = /^[A-Za-z\s]*$/;

    if(checkname.test(name)){
        return true;
    } else {
        alert("The First Name you entered (" + name +
        ") is not valid. First Name should contain alphabet characters & characters spaces only.");
        return false;
    }
}

function validateLastName(){
    var lastname = document.getElementById('lastName').value;
    var checkname = /^[A-Za-z\s]*$/;

    if(checkname.test(lastname)){
        return true;
    } else {
        alert("The Last Name you entered (" + lastname +
        ") is not valid. Last Name should contain alphabet characters & characters spaces only.");
    }
}

```

```

        return false;
    }

}

function validateEmail(){
    var email = document.getElementById('email').value;
    //contains a user name then @ and domain
    //username: word characters, hyphen ("") and period ("."), 2 to 4 addr extension
    //each extension: word then a period ("."), last ext must have 2 or 3 charcters
    //user-name.tiffany@domain.ntu.edu.sg
    //var checkemail = /^w+([.-]?w+)*@w+([.-]?w+)*(.\w{2,3})+$/
    var checkemail = /^[w.-]+@[((w+)|(w+\w+)|(w+\w+\w+))\w{2,3}]/;

    if(checkemail.test(email)){
        return true;
    } else {
        alert("The Email you entered (" + email +
        ") is not valid. Please check again.");
        return false;
    }
}

function validatePhone(){
    var phone = document.getElementById('phone').value;
    var checkphone = /\d{8}$/;

    if(checkphone.test(phone)){
        return true;
    } else {
        alert("The Contact Number you entered (" + phone +
        ") is not valid. The Contact Number should contain 8 number digits only.");
        return false;
    }
}

/*check if password is the same*/
// pswd_chk.js, An example of input password checking, using the submit event
// The event handler function for password checking
/*function chkPasswords() {
    var init = document.getElementById("psw");
    var sec = document.getElementById("psw-repeat");
    if (init.value != sec.value) {
        alert("The two passwords you entered are not the same \n" +
            "Please re-enter both now");
        init.focus(); // init textbox has cursor focused on it
        init.select(); // init textbox has text being selected
        return false; // stay on same page
    } else
        return true; //refresh page
}*/



function chkForm(){
    var name = document.getElementById('firstName').value;
    var checkname = /^[A-Za-z\s]*$/;

    if(!checkname.test(name)) {
        alert("The First Name you entered (" + name +
        ") is not valid. First Name should contain alphabet characters & characters spaces only.");
        return false;
    }
}

```

```

var lastname = document.getElementById('lastName').value;
if(!checkname.test(lastname)) {
    alert("The Last Name you entered (" + lastname +
") is not valid. Last Name should contain alphabet characters & characters spaces only.");
    return false;
}

var email = document.getElementById('email').value;
var checkemail = /^[w.-]+@((w+)|(w+\.\w+)|(w+\.\w+\.\w+))\.([A-Za-z]{2,3})$/;
if(!checkemail.test(email)) {
    alert("The Email you entered (" + email +
") is not valid. Please check again.");
    return false;
}

var phone = document.getElementById('phone').value;
var checkphone = /^\d{8}$/;

if(!checkphone.test(phone)){
    alert("The Contact Number you entered (" + phone +
") is not valid. The Contact Number should contain 8 number digits only.");
    return false;
}

var init = document.getElementById("psw");
var sec = document.getElementById("psw-repeat");
if (init.value != sec.value) {
    alert("The two passwords you entered are not the same \n" +
        "Please re-enter both now");
    return false;
}

```