

IE4717 Web Application Design - Project Report

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Project Title: A web portal for online pizza delivering - Connectus

Summary of Project: The objective of this project is to design a web application for online pizza delivery. The web application is a one stop portal for the restaurant. In our homepage, posters and the restaurant's history are displayed. In our web application, users can choose to register and login to our portal for quicker booking process and membership rewards. Our application includes a page showing different food served and their details. Users can customize the food served and add them into their cart. By selecting the cart, users will be directed to our order page to view the full summary of the food added to the cart and the subtotal amount before proceeding to payment. Our application also includes a page for users to redeem vouchers through membership points, unique code and deals offered by the restaurant. Users can check their redeemed vouchers and add them into the order summary before checking out. Few payment methods will be provided for users to choose for user convenience. Once the payment is done successfully, an email notification including the booking details will be sent to the user. Our application also provides users order history checking feature.

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1. Application Requirements and Specifications

| | Requirements | Specifications |
|-----|---------------------|--|
| R1 | Home Page Overview | Users can view posters, best deals and restaurant's introduction in the homepage |
| R2a | Login | Users can login to the system by filling in his valid email address and password to allow autofill of particulars |
| R2b | Sign Up | Users can sign up to become our member by filling up account information (email address & password) and personal information (name & contact number) |
| R3a | My Profile | Signed in users can make changes on their personal information |
| R3b | My Coupon | Signed in users can view their redeemed coupons |
| R3c | My Order | Signed in users can view their order history |
| R3d | Logout | Signed in users can log out anytime |
| R4a | Menu | Users can view all the available food served (Pizza, Side Order and Beverages) and their description |
| R4b | Add to Cart | Users can add the available food served to their shopping cart |
| R4c | View Cart | Users can view their shopping cart and the subtotal amount. User can remove the item from the cart if necessary |
| R5 | Personalize Pizza | Users can choose the size, crust and edit the toppings of the pizza |
| R6 | Add Coupon | Users can add their redeemed coupon to the view cart |
| R7 | Payment | Users can select their preferred payment method |
| R8 | Payment Successful | Payment successful page will be shown and users will receive an order confirmation email with an order ID |
| R9a | View Tier Benefits | Users can view the different tier benefits and the membership point system |
| R9b | Redeem Points | Users can redeem voucher/coupons with their membership points |
| R9c | Redeem Vouchers | Users can redeem voucher/coupons through a unique code or redeem voucher/coupons provided by the restaurant |
| R10 | Locate Us | Users can view and search all the branch available, operating hours and outdoor appearances |

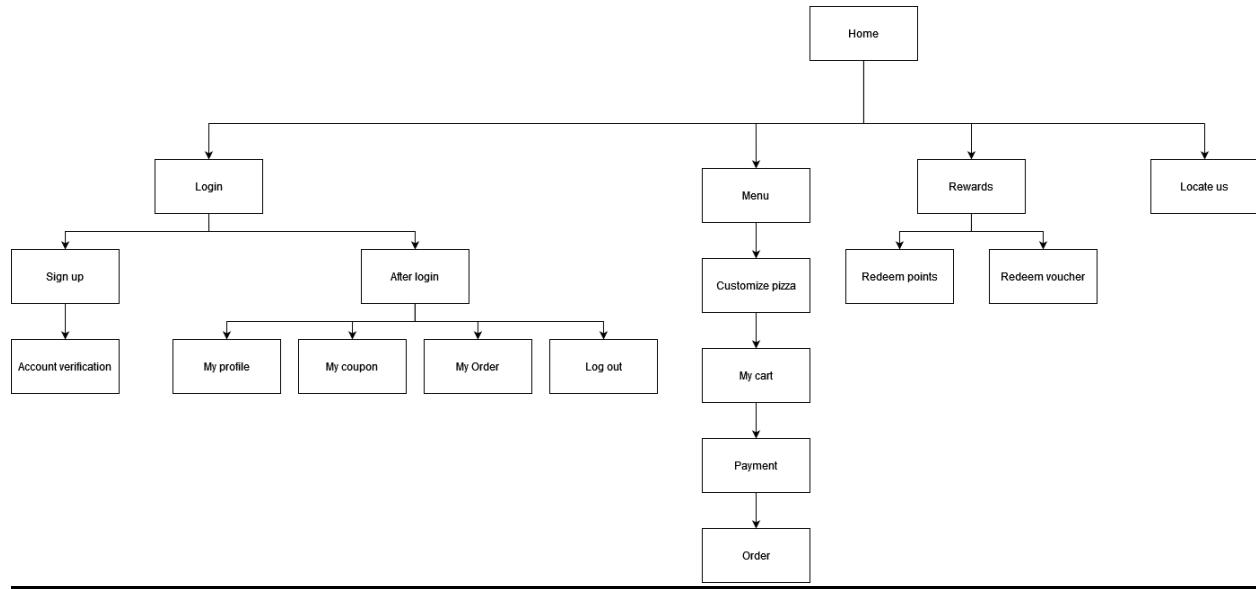
2.Functional Requirements and Specifications

| | Requirements | Specifications |
|-----|---------------------|--|
| F1 | Home page overview | <ul style="list-style-type: none"> - A banner which shows the restaurant's foods and best deals. - A section for history which highlights the history of pizza. - A section for how the restaurant started to have a brief introduction for the restaurant. - A section for chef introduction to introduce the chef of the restaurant. |
| F2a | Login | <ul style="list-style-type: none"> - A login form for users to login into their account using their email address and password. User must fill in all these information to login, |
| F2b | Sign up | <ul style="list-style-type: none"> - A sign up page for new users to sign up for a new account. Users must key in all required fields to sign up. - Once a new user completes a sign up form, a verification email will be sent to the user's email. |
| F3a | My Profile | <ul style="list-style-type: none"> - Users can make any changes to their personal information by accessing My Profile in the top right corner after login. - Information such as email, password, title, name, date of birth, mobile number can be modified here. |
| F3b | My Coupon | <ul style="list-style-type: none"> - Users can view their redeemed coupons by accessing My Coupon in the top right corner after login. |
| F3c | My Order | <ul style="list-style-type: none"> - Users can view their orders by accessing My Order in the top right corner after login. |
| F3d | Logout | <ul style="list-style-type: none"> - Users can log out of their account by accessing the top right corner of the page and will display the homepage upon logging out from the web portal |
| F4a | Menu | <ul style="list-style-type: none"> - Display all pizzas, side dishes and beverages with their prices. - Users can click on Add To Cart to start ordering their pizza. |
| F4b | Add to Cart | <ul style="list-style-type: none"> - Display buttons for users to add the items to cart. |
| F4c | View cart | <ul style="list-style-type: none"> - Display items in cart and their subtotal. - Display individual orders and remove them if necessary. |
| F5 | Personalize Pizza | <ul style="list-style-type: none"> - Display a drop-down list for users to select the pizza's size and crust. - Display button number incrementers for users to edit the topping value and quantity of the pizza. - Display button for users to select whether they want to add |

| | | |
|-----|--------------------|---|
| | | cheese or not. When the button is pressed, another color will be displayed. |
| R6 | Add Coupon | <ul style="list-style-type: none"> - Display redeemed vouchers to be added to cart. |
| R7 | Payment | <ul style="list-style-type: none"> - Display payment methods available for users to select. - Once completed, the payment will be handled by a third-party portal. |
| R8 | Payment Successful | <ul style="list-style-type: none"> - Display the booking reference upon successful payment. Send the confirmation email to the user. - Display a direct link for the user to click to view his order history. |
| R9a | View Tier Benefits | <ul style="list-style-type: none"> - Display an image that shows the user's membership points. |
| R9b | Redeem Points | <ul style="list-style-type: none"> - Display the details and membership points needed to redeem the voucher. |
| R9c | Redeem Vouchers | <ul style="list-style-type: none"> - Display the form for users to enter a unique voucher code to redeem the voucher. - Display the details of the voucher release by the restaurant |
| R10 | Locate Us | <ul style="list-style-type: none"> - Display the search bar for users to search for the location of the other branch of the restaurant. - Display the information (opening hours, exact location, outdoor appearances) of the restaurant. |

3. Design of the Web Application

3.1 Sitemap

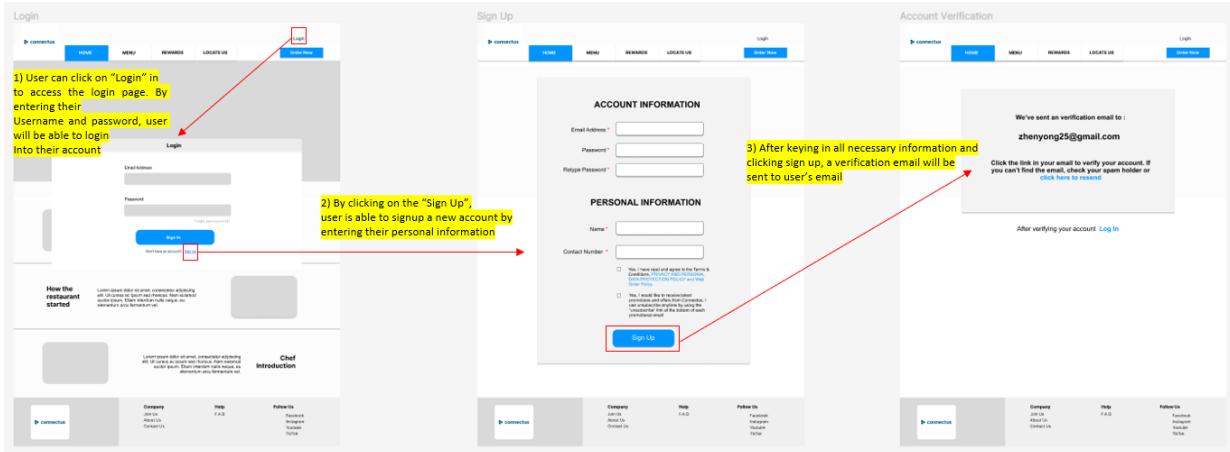


3.2 Storyboard

The storyboard is designed based on certain scenarios. The list of scenarios that we had planned is shown as below.

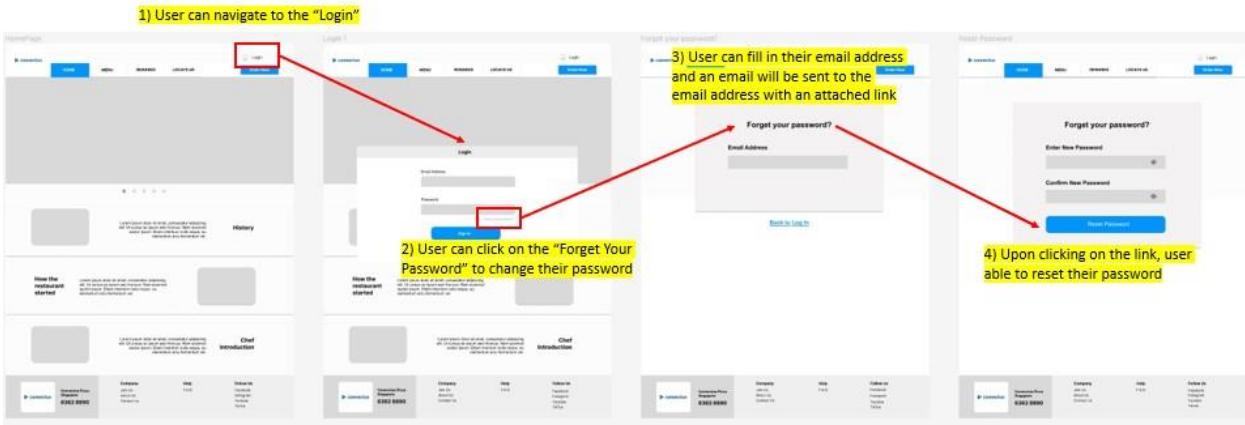
- Users wish to login or sign up for an account
- Users wish to reset their account password
- Users wish to add the items into the cart and checkout
- Users wish to view their reward points, redeem vouchers and view their vouchers
- Users wish to check for our restaurant's branch location, operating hours and outdoor appearance

- Users wish to login or sign up for an account

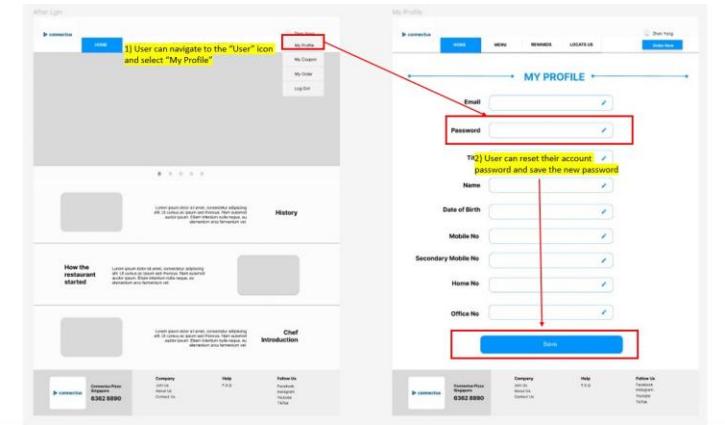


- Users wish to reset their account password

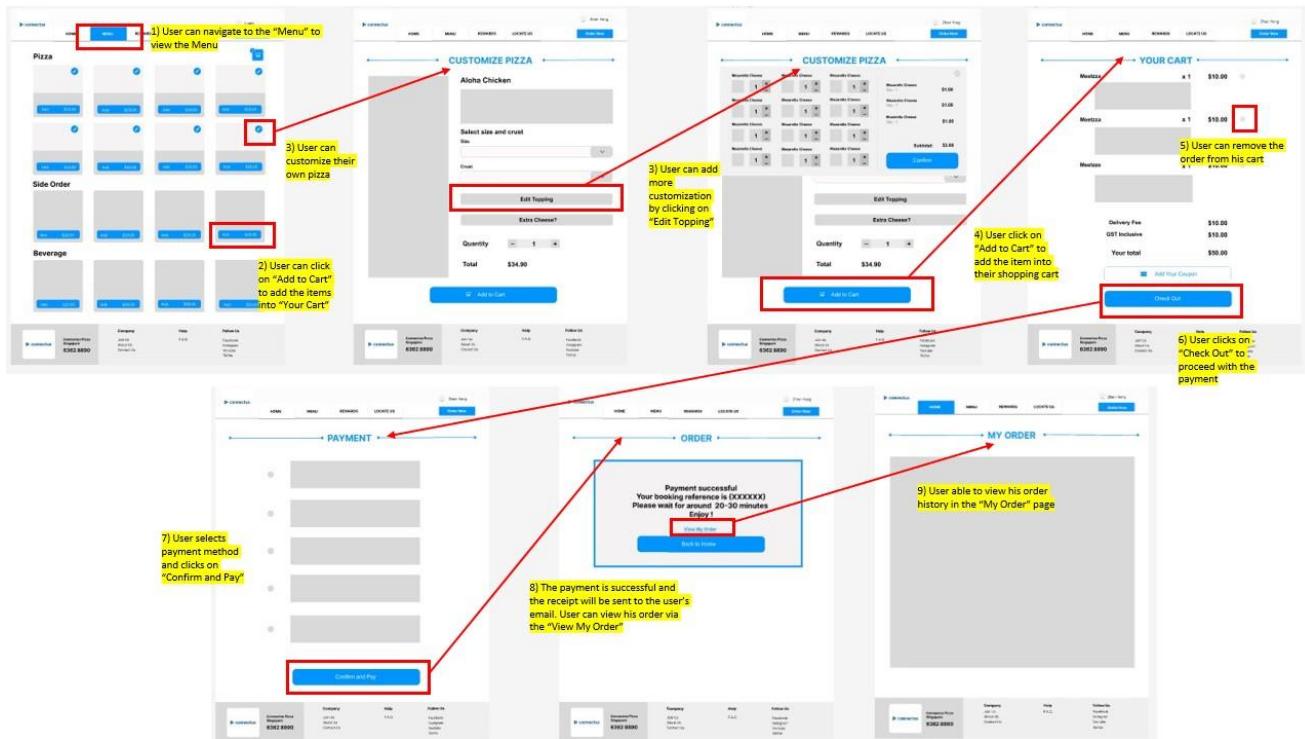
Anonymous User



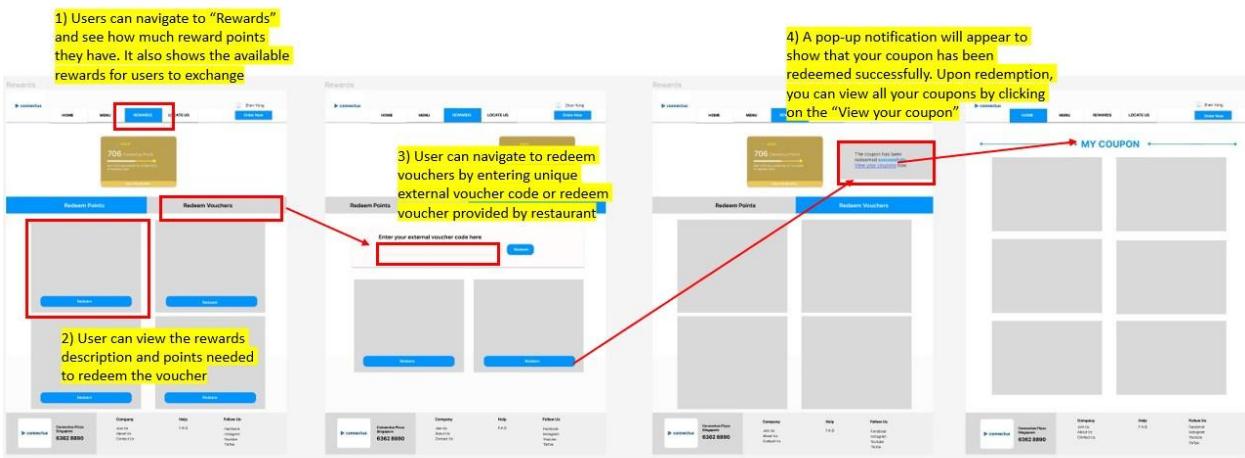
Logged-In User



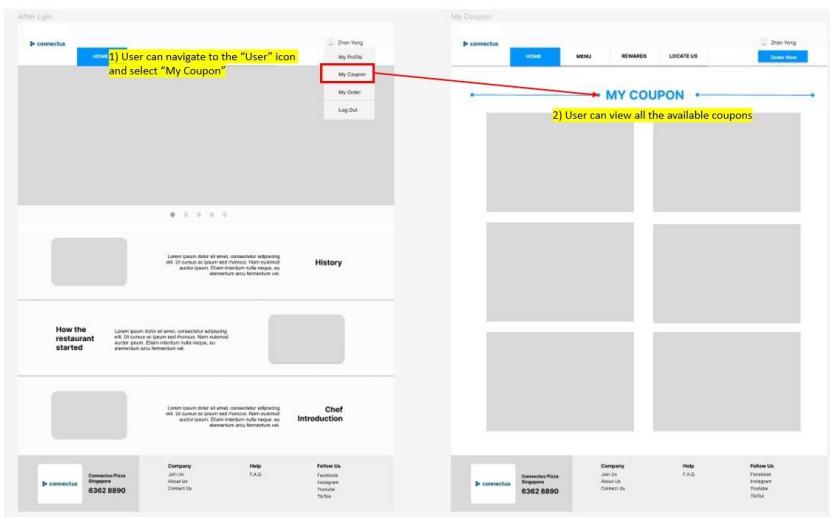
- User wish to add the item into the cart and checkout



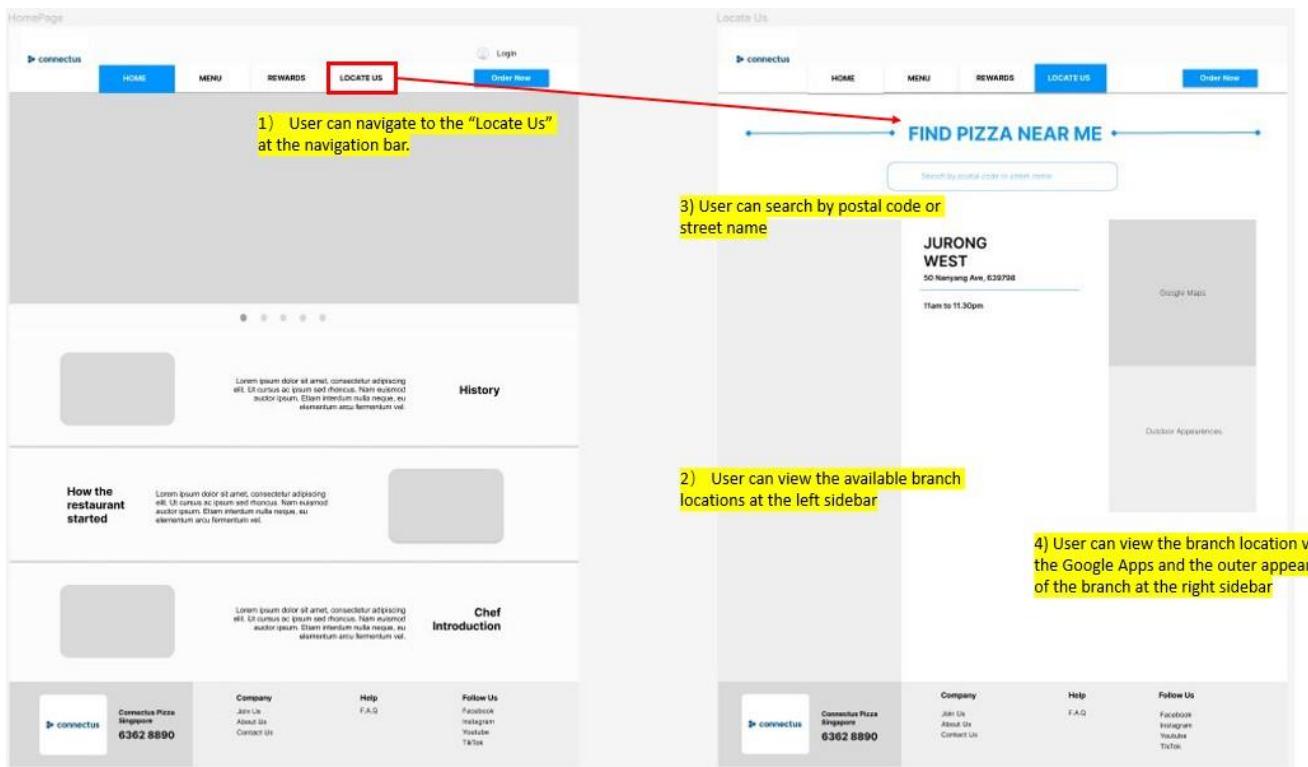
- Users wish to view their reward points, redeem vouchers and view their vouchers



Alternatively,



- Users wish to check for our restaurant's branch location, operating hours and outdoor appearance

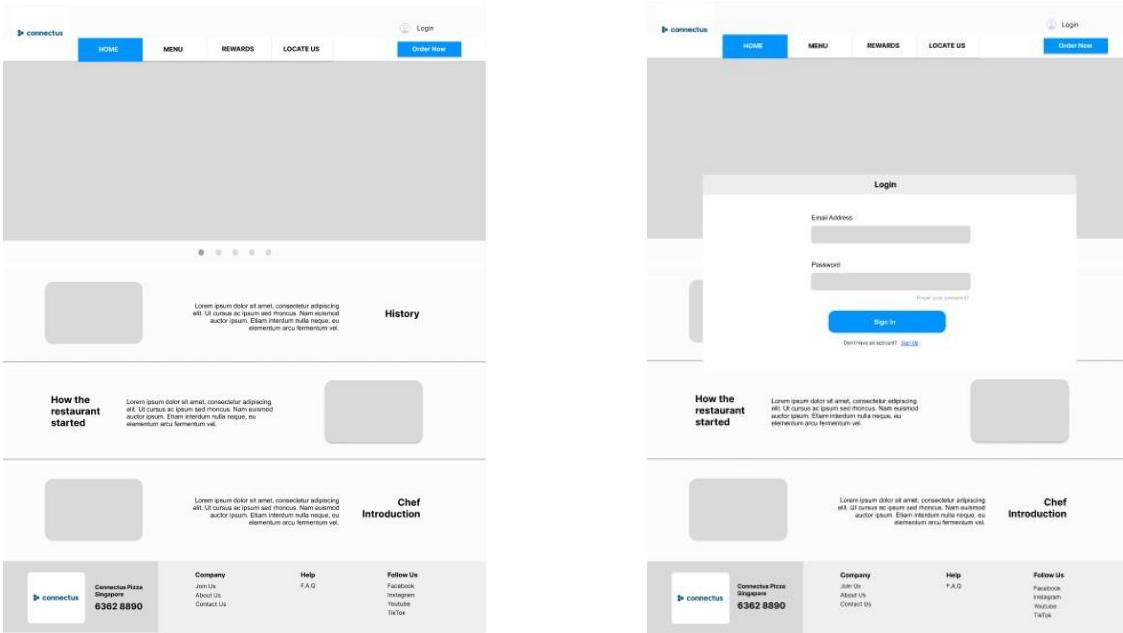


3.3 Wireframe

Homepage

Homepage

User Login



User Sign Up

ACCOUNT INFORMATION

Email Address *

Password *

Retype Password *

PERSONAL INFORMATION

Name *

Contact Number *

Yes, I have read and agree to the [Terms & Conditions](#), [PRIVACY AND PERSONAL DATA PROTECTION POLICY](#) and [Web Order Policy](#).

Yes, I would like to receive latest promotional offers and news from us. I can unsubscribe anytime by using the unsubscribe link at the bottom of each promotional email.

Sign Up

Company Connectus Pizza Singapore 6362 8890 **Help** [FAQ](#) **Follow Us** Facebook Instagram YouTube TikTok

Company Connectus Pizza Singapore 6362 8890 **Help** [FAQ](#) **Follow Us** Facebook Instagram YouTube TikTok

User (Forgot Password)

User Sign Up (Verification)

We've sent an verification email to :

zhenyong25@gmail.com

Click the link in your email to verify your account. If you can't find the email, check your spam folder or [click here to resend](#).

After verifying your account [Log In](#)

Company Connectus Pizza Singapore 6362 8890 **Help** [FAQ](#) **Follow Us** Facebook Instagram YouTube TikTok

User (Reset Password)

Forget your password?

Email Address

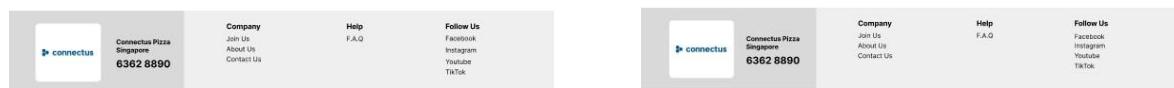
Reset Password

[Back to Log In](#)

Enter New Password

Confirm New Password

Reset Password



User (Profile Bar)

Zhen Yong

My Profile

My Coupon

My Order

Log Out

History

How the restaurant started

Chef Introduction

connectus Connectus Pizza Singapore 6362 8890

Company Join Us About Us Contact Us Help F.A.Q Follow Us Facebook Instagram YouTube TikTok

User (My Coupon)

User (My Profile)

MY PROFILE

Email

Password

Title

Name

Date of Birth

Mobile No.

Secondary Mobile No.

Home No.

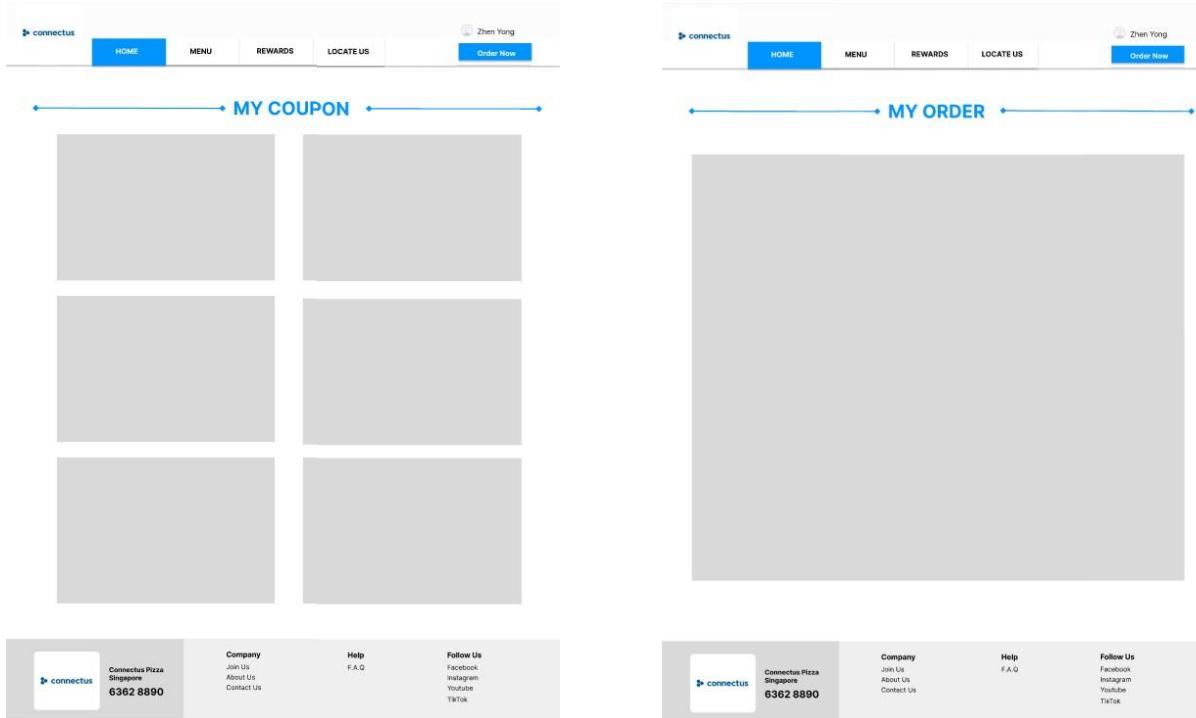
Office No.

Save

connectus Connectus Pizza Singapore 6362 8890

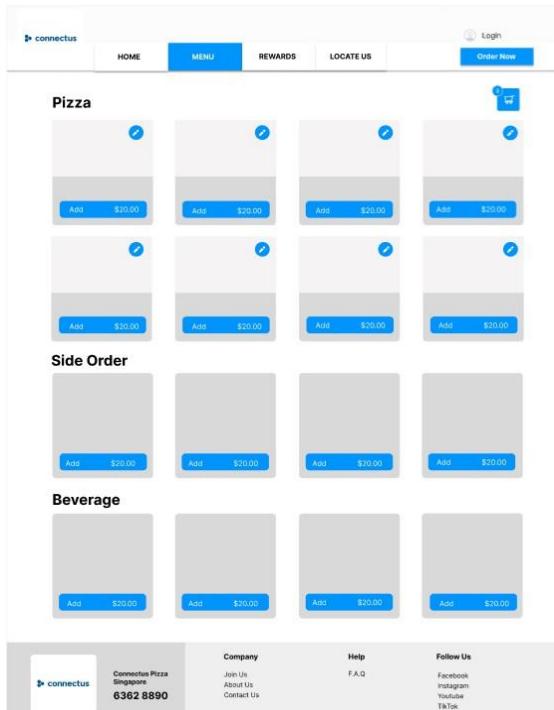
Company Join Us About Us Contact Us Help F.A.Q Follow Us Facebook Instagram YouTube TikTok

User (My Order)



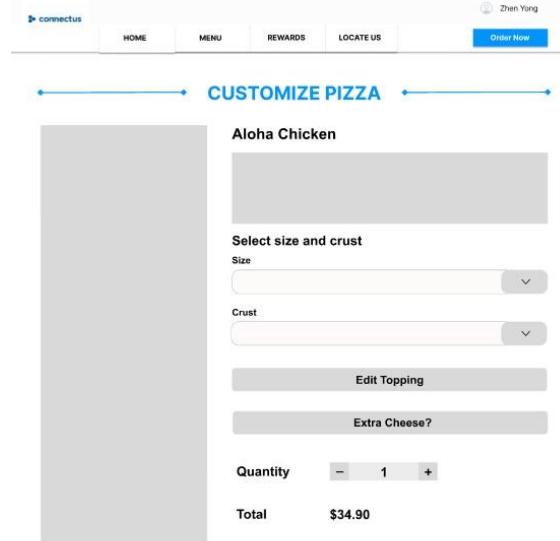
Menu

Menubar

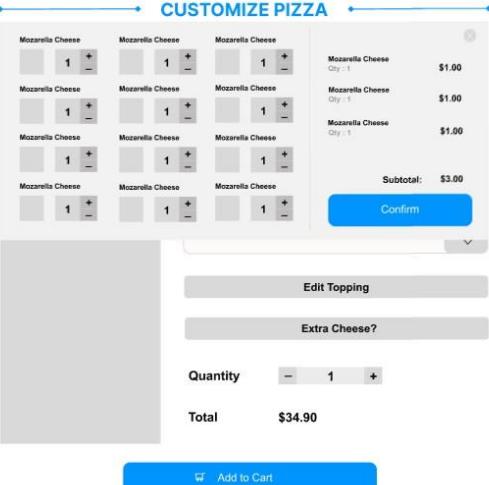


Menu (Edit Topping)

Menu (Customize Pizza)



Order (My Cart)



CUSTOMIZE PIZZA

Mozzarella Cheese
Subtotal: \$3.00

Confirm

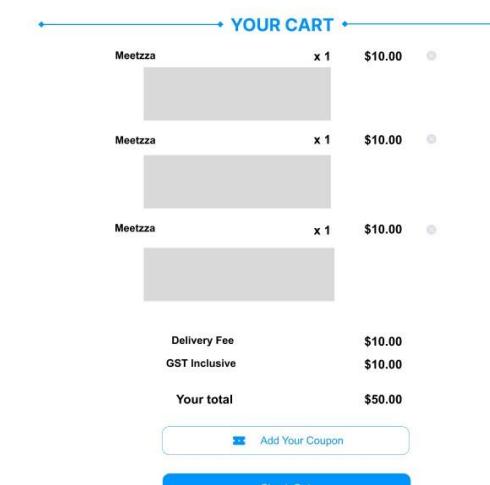
Edit Topping

Extra Cheese?

Quantity **- 1 +**

Total **\$34.90**

Add to Cart



YOUR CART

| Item | Quantity | Price |
|----------------------|----------|----------------|
| Meetzza | x 1 | \$10.00 |
| Meetzza | x 1 | \$10.00 |
| Meetzza | x 1 | \$10.00 |
| Delivery Fee | | \$10.00 |
| GST Inclusive | | \$10.00 |
| Your total | | \$50.00 |

Add Your Coupon

Check Out



Company
Join Us
About Us
Contact Us

Help
F.A.Q

Follow Us
Facebook
Instagram
Youtube
TikTok

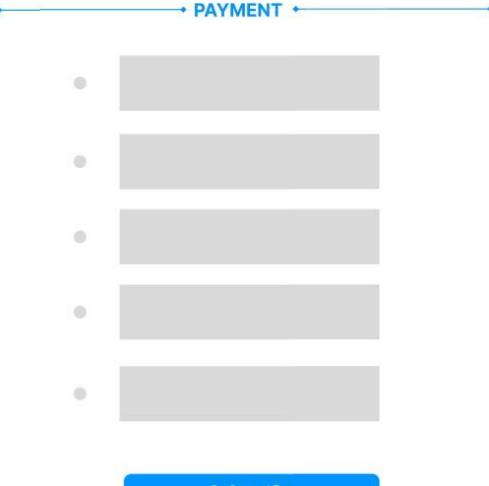


Company
Join Us
About Us
Contact Us

Help
F.A.Q

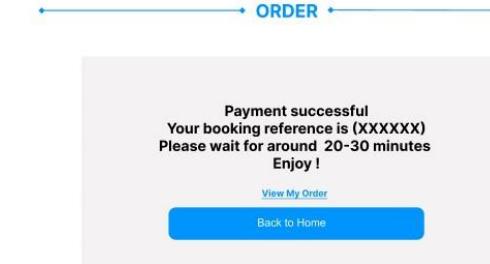
Follow Us
Facebook
Instagram
Youtube
TikTok

Order (Select Payment Method)



PAYMENT

Confirm and Pay



ORDER

Payment successful
Your booking reference is (XXXXXX)
Please wait for around 20-30 minutes
Enjoy !

View My Order

Back to Home



Company
Join Us
About Us
Contact Us

Help
F.A.Q

Follow Us
Facebook
Instagram
Youtube
TikTok



Company
Join Us
About Us
Contact Us

Help
F.A.Q

Follow Us
Facebook
Instagram
Youtube
TikTok

Rewards

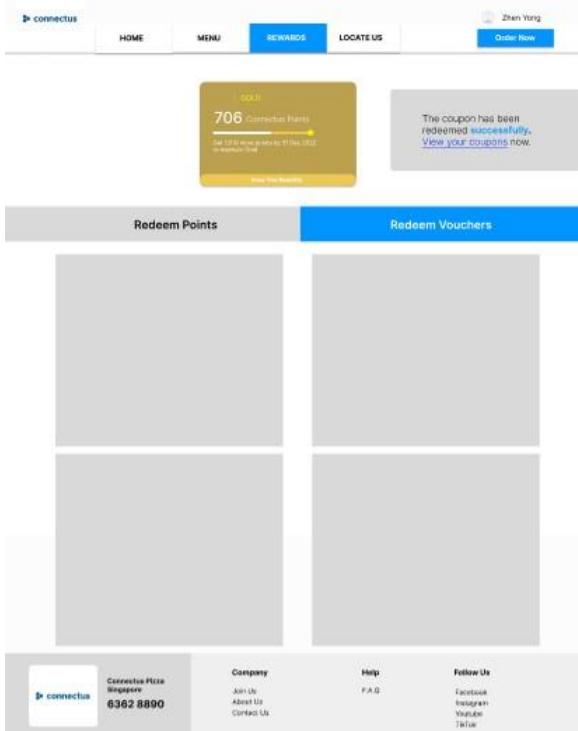
Member (Redeem Points)



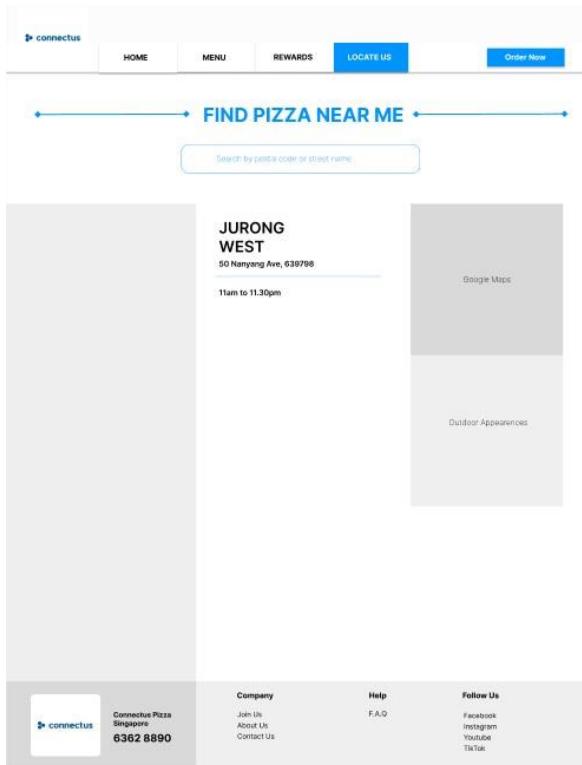
Member (Redeem Vouchers)



Member (Pop-Up Notifications)



Locate Us



3.4 Database

In this project, MySQL is used to store our data, where phpMyAdmin is used as the tool for us to manage our database. We had included a total of 7 databases in our database design.

- a) User
- b) Admin
- c) Cart
- d) Location
- e) Prices
- f) Sales
- g) Particulars

3.5 Web Application testing plan

3.5.1 Functionality testing

We will test for all the links in the web pages, database connection, forms used for submitting or getting information from the user in the web pages, session testing, etc.

- Redirect link testing
 - a. Test all internal links
 - b. Test to see if there are any orphan page
 - c. Check for any broken links
- Form validation

- a. Check all the validations on each field
- b. Check for default values in the fields
- Session testing
 - a. Check if the session implemented works
- Database testing
 - a. Check for data consistency
 - b. Check for data integrity while we perform CRUD action
 - c. Check if all the database queries are executed correctly, data is retrieved and updated correctly

3.5.2 Usability Testing

We will be testing the navigation, general appearance, user experience and checking the correctness of content.

- Navigation
 - a. Test how user can use button, clickable components to surf different pages
- General appearance and user experience
 - a. Test if performing an action in our web application is straightforward, easy, and self-explanatory
 - b. Test if user can go back to homepage at any point of time
 - c. Check if the design and layout is consistent enough

3.5.3 Interface Testing

We will be checking if our web server can catch any error and return any error message for any query by the application server. The error messages should display appropriately to the users.

3.5.4 Compatibility Testing

All our development work will be done using Google Chrome browser. We will do a compatibility test with different browsers to ensure our website is compatible.

4. Implementation

4.1 Coding of the web page template

Our web application will be sharing the same template such as overall container style, header and footer across all the pages

4.1.1 Header

We combined the navigation bar and header together. We have 2 different components of header, explanation for each of them are show in Table 1:

| Header Type | Description | Reference |
|------------------------------|--|------------------|
| Header (when user not login) | When user is not login, we will have a clickable | |

| | | |
|--------------------------|---|--|
| | text for user to login | |
| Header (when user login) | When user login his/her account, we will show a user avatar and the username. When hover the avatar, user can view their cart, view their vouchers, view their past orders and logout | |

Table 1: Explanation of different types of header components in our web application

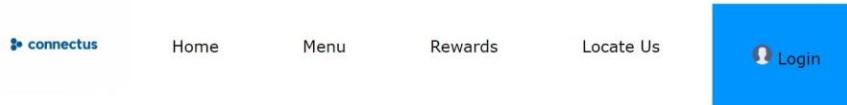


Figure 0-1 Web page header when user not login

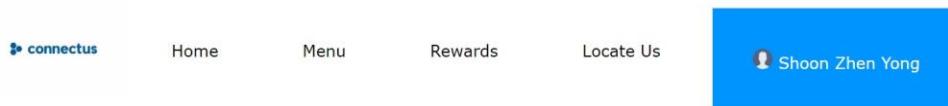


Figure 0-2 Web page header when user is logged-in

4.1.2 Footer

All our webpages are sharing the same footer except for the login and registration page. In the login and registration page, the footer is hidden. Users can click each section and will be redirected to different pages.



Figure 0-3 Footer component

4.1.3 Others

For all our pages, the navigation bar color will turn blue and font color will turn white upon hovering

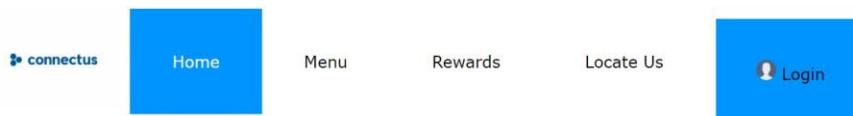


Figure 0-4 Navigation Bar

4.2 Coding of the pages

4.2.1 Homepage

There are two components in the homepage, which is the slideshow and introduction.

Slideshow

The slideshow will show the latest pizza offers and promotions. Users can click on the next and previous arrow to view the main offer

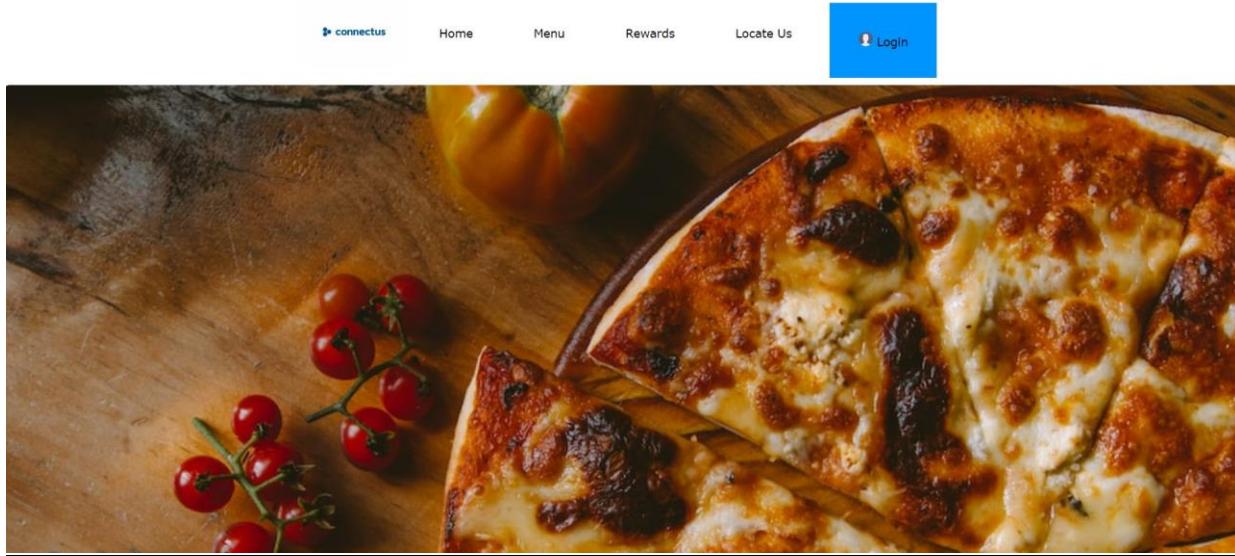


Figure 0-5 Slideshow

Introduction

The introduction provides an overview about pizza, history of our restaurant and introduction to all of our chefs in our restaurant.



Modern day Pizzas were invented in a city called Naples located in Italy. These delicious food were initially consumed by the poors in the region of Naples. Long flatbread topped off with inexpensive garnishes such as tomato, cheese, oil, etc. These 'pizzas' was sold by food vendors which was meant to be eaten quickly and without fuss. Today Pizzas are found in all corner of the world.

History

History of restuarant

Connectus is an American multinational restaurant chain and international franchise founded in 1958 in Wichita, Kansas by Dan and Frank Carney. They serve their signature pan pizza and other dishes including pasta, breadsticks and dessert at dine-in, take-out and delivery chain locations. They also serve chicken wings on their WingStreet menu. The chain headquartered in Plano, Texas





Our chefs, Chef Leonardo, have been trained in many Italian restaurants all around the world. With 40 years of experience, he has been overseeing the process of every single pizza coming out of our kitchen. From handpicking only the very fresh ingredients to the temperature of the stove, Chef Leonardo is involved in every step to ensure only the freshest and tastiest pizza comes to your table!

Our Chefs

Figure 0-6 Introduction

4.2.2 Menu Page

In the menu page, there are 4 pages associated with the menu page. They are menu.php, cart.php, payment.php and admin_menu.php. The menu page is accessed by clicking on the menu option on the navigation bar.

Firstly, the menu page starts a new session named “cart” and implements functions for “buy” and “empty” for the session. It then connects to the database named “connectus” and access “price”. It gets all the prices of the menu from the database and puts them in an array. The images of the menu are placed in a table, followed by the prices and lastly a button named “Add to Cart”. By clicking on the “Add to Cart” button, the session will update the item accordingly and reflect in the cart, below the login button.

A screenshot of a web-based menu page. At the top, there is a navigation bar with links for Home, Menu, Rewards, Locate Us, and a blue 'Login' button. Below the navigation bar, there is a 'View Cart' button with a '0' next to it. The main content area is divided into sections: 'Pizza' and 'Side Dishes'. Under the 'Pizza' section, there are two items: 'Pepperoni Pizza' (image, \$15.00, Add to Cart button) and 'Mushroom Pizza' (image, \$20.00, Add to Cart button). Under the 'Side Dishes' section, there are two items: a tray of fries (image) and a bowl of salad (image).

Figure 0-7 Menu Page

Next, after some items are added to the cart, the user can click on the “View Cart” located on the top right of the web page to access cart.php. In cart.php, the web page shows the existing items in cart and the total price. Similar to the menu.php, it uses the same session “cart” to print out the items in the session. Also, it accesses the database “price” to the price of the items. It prints the items out using a table and the total price is calculated by summing the prices of the items in the cart.

The screenshot shows a top navigation bar with the 'connectus' logo, 'Home', 'Menu', 'Rewards', 'Locate Us', and a 'Login' button. Below this is a large blue header with the text 'Your Shopping Cart'. A table displays two items: 'Pepperoni Pizza' at \$15.00 and 'Green Tea' at \$2.00, totaling \$17.00. At the bottom are links for 'Continue Shopping', 'Empty Your Cart', and 'Order Now'.

| Item | Item Description | Price |
|------|------------------|----------------|
| 1 | Pepperoni Pizza | \$15.00 |
| 2 | Green Tea | \$2.00 |
| | Total | \$17.00 |

[Continue Shopping](#) or [Empty Your Cart](#) or [Order Now](#)

Figure 0-8 Cart Page

Next, the user can click on the “Continue Shopping” option which will bring the user back to the menu page through using an anchor tag which is linked to menu.php. Alternatively, the user could click on the “Empty Your Cart” option and the cart will be emptied by unsetting the session. If the user clicks on the “Order Now” option, the user will be brought the payment page through an anchor tag linked to payment.php.

The payment page shows the user the existing item in the cart, total price and a form to fill up. Payment.php is similar to cart.php whereby the item in cart is able to be printed out since they are in the same session. The price obtained from the database and total price is calculated similarly to cart.php.

The user is required to key in their particulars into the form. The form comes with validation which is checked by using checkform.js. After the form is keyed in, the user can press on the “Submit Order” button and an alert box would appear notifying the user that an email is sent to their email. By submitting the form, payment.php will capture the user’s particulars and send them to the database named “particulars”. Also, the item in cart will be counted by using an if-else statement and sent to the database depending on the quantity of the item counted by the if-else statement shown in the figure 0-10 below. Lastly, the quantity of items in the cart will be sent to the database under “sales” together with the total price. It is done through the use of query and prepare function as seen in figure 0-11 below.

If the user changes their mind, the user could click on the “Cancel Order” option to remove all the items in the cart. It is done through unsetting the session similar to cart.php “Empty your Cart” option.

| Item | Item Description | Price |
|------|------------------|----------------|
| 1 | Pepperoni Pizza | \$15.00 |
| 2 | Green Tea | \$2.00 |
| | Total: | \$17.00 |

Name

Email

Credit Card Number

CVV

[Cancel Order](#)

Figure 0-9 Payment Page

```

142     if (isset($_POST['submit'])){
143         $pepperoni_pizza = 0;
144         $mushroom_pizza = 0;
145         $french_fries = 0;
146         $coleslaw = 0;
147         $green_tea = 0;
148         $coke = 0;
149         for ($i=0; $i < count($_SESSION['cart']); $i++){
150             if($items[$_SESSION['cart'][$i]]=='Pepperoni Pizza'){
151                 $pepperoni_pizza++;
152             }
153             elseif($items[$_SESSION['cart'][$i]]=='Mushroom Pizza'){
154                 $mushroom_pizza++;
155             }
156             elseif($items[$_SESSION['cart'][$i]]=='French Fries'){
157                 $french_fries++;
158             }
159             elseif($items[$_SESSION['cart'][$i]]=='Coleslaw'){
160                 $coleslaw++;
161             }
162             elseif($items[$_SESSION['cart'][$i]]=='Green Tea'){
163                 $green_tea++;
164             }
165             elseif($items[$_SESSION['cart'][$i]]=='Cola'){
166                 $coke++;
167             }

```

Figure 0-10 If-Else statement

```

169     if ($i == ((count($_SESSION['cart'])-1))){
170         $query = "INSERT INTO sales(id, pepperoni_pizza , mushroom_pizza,french_fries, coleslaw, green_tea, coke, total) VALUES('whatever',?, ?, ?, ?, ?, ?)";
171         $stmt = $db->prepare($query);
172         $stmt->bind_param("iiiiii",$pepperoni_pizza, $mushroom_pizza,$french_fries,$coleslaw,$green_tea,$coke, $total);
173         $stmt->execute();
174     }
175 }

```

Figure 0-11 Query to database

After the user has submitted their order, the session will unset itself and clear items in the cart. An email will be sent to fee32@localhost regardless of what the user keys in their email input. fee32@localhost will receive an email shortly stating that the order will arrive soon and their order id. The order id is obtained by searching the id of the last row inserted into the database by using the mysqli_insert_id() function. This function will return the id of the last row inserted. The code could be seen below.

```

188      // $query_3 = "SELECT * FROM sales WHERE id = (SELECT MAX(id) FROM sales)";
189      // $id = $db->query($query_3)->insert_id;
190      $id = mysqli_insert_id($db);
191      $to      = 'f32ee@localhost';
192      $subject = 'Successful order from Connect us';
193      $message = "Good day, Your order is successful! Booking reference is {$id}. Your food will arrive in 20-30 minutes. Thank you for the continued support!";
194      $headers = 'From: f32ee@localhost' . "\r\n";
195      'Reply-To: f32ee@localhost' . "\r\n";
196      'X-Mailer: PHP/' . phpversion();
197
198      mail($to, $subject, $message, $headers, '-ff32ee@localhost');
199
200      unset($_SESSION['cart']);
201      header('location: ' . $_SERVER['PHP_SELF']);
202      exit();

```

Figure 0-12 Email code

Lastly, the admin_menu.php allows the admin user to access the page and change the price of the menu. This is done by getting the price from the database “prices” and placing them accordingly into their respective textbox. The admin then can input the price they want to set into the textbox and click on the “Update Price” button. The price will then be updated to database “prices” and the menu page will reflect the changes.

The screenshot shows a web application interface for managing a menu. At the top, there is a navigation bar with links for Home, Menu, Rewards, and Locate Us, along with a blue 'Login' button. Below the navigation, there are two main sections: 'Pizza' and 'Side Dishes'. The 'Pizza' section displays two pizzas with their names and current prices: 'Pepperoni Pizza' at 15.00 and 'Mushroom Pizza' at 20.00. Each pizza has a small image and a price box below it. The 'Side Dishes' section displays two side dishes: 'French Fries' and 'ColeSlaw', each with a corresponding image.

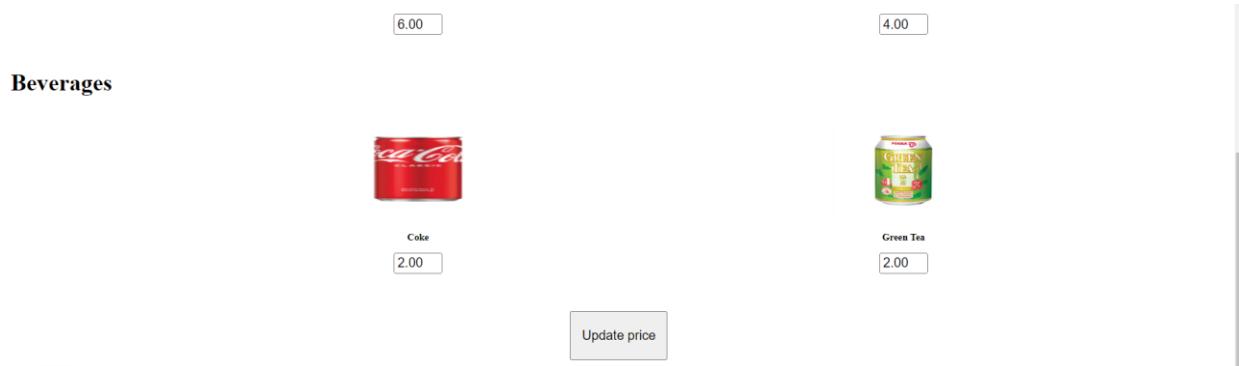


Figure 0-13 Admin Page

4.2.3 Rewards Page

The rewards page is split into two types of redemption methods, redeem points (rewards.html) and redeem vouchers (rewards-vouchers.html). Upon every order, Connectus Points will be awarded to users with the rate of 1 Connectus Points per dollar spent. The points will be used as a tiering system and to redeem vouchers. Users can redeem vouchers with their Connectus Points according to the points required stated on the redeem button. Upon pressing the redeem button, user's connectus points will be deducted and the vouchers will be added to their "My Voucher" section.

The screenshot shows the 'Rewards' section of the website. At the top, there is a navigation bar with 'connectus', 'Home', 'Menu', 'Rewards', 'Locate Us', and a 'Login' button. Below the navigation is a 'GOLD' tier card with '0 Connectus Points' and a progress bar. It says 'Get 0 more points by 31 Dec 2022 to maintain gold' and has a 'View Tier Benefits' button. Below the tier card are two buttons: 'Redeem Points' on the left and 'Redeem Vouchers' on the right. Three large promotional boxes for pizzas are displayed at the bottom:

- \$7 REGULAR PIZZA** (Up to 63% off) - 100 Points
- \$12 LARGE PIZZA** (Up to 63% off) - 200 Points
- \$17 XTRA LARGE PIZZA** (Up to 63% off) - 300 Points

Figure 0-14 Redeem Points Page

Only logged-in users are available to redeem the vouchers with their points. Users will be prompted to the login page (login.html) upon clicking the button if they are not logged in.

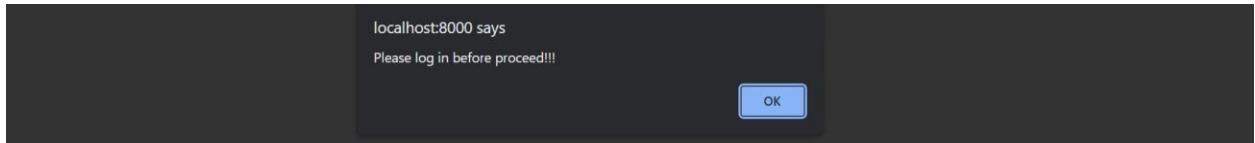


Figure 0-15 Prompt User to Login

The redeem voucher page provides two options to redeem vouchers. First method is through input the product code provided by external parties. Once the product code is entered, it will query the database to check whether the product code is present in the database and store the discount value of the product code in user's "My Vouchers". Second method is to directly redeem vouchers that are provided by our restaurant.

A screenshot of the Connectus website's redeem vouchers page. The top navigation bar includes links for Home, Menu, Rewards, Locate Us, and a blue "Login" button. Below the navigation is a gold-colored tier status box for "GOLD" members, showing "0 Connectus Points" and a progress bar. A message indicates that 0 more points are needed by 31 Dec 2022 to maintain gold status, with a "View Tier Benefits" button. The main content area features two buttons: "Redeem Points" and "Redeem Vouchers". Below these are three large promotional boxes for pizzas: "\$7 REGULAR PIZZA", "\$12 LARGE PIZZA", and "\$17 XTRA LARGE PIZZA", each with a "Redeem" button.

Figure 0-16: Redeem Vouchers Page

Upon logged in, user can view all their redeemed vouchers in the "My Voucher"

[View Vouchers](#)



Figure 0-17: My Voucher

4.2.4 Locate Us Page

The locate us page enables users to locate all of our restaurant's branches. There are three ways of locating our restaurant's branch. First method is through sidebar, second method is through search bar and third method is through GPS location

a) Side Bar

Users click on the selected location, it will perform a query to the database (locations.sql) and return the exact address of our restaurant at that location

b) Search Bar

Users search for the selected location, it will perform a query to the database (locations.sql) and return the exact address of our restaurant at that location. If the location is invalid, it will return message stating “No location found”

c) GPS Location

User can click on the view map to have a quick view of all the locations of all our branches

connectus Home Menu Rewards Locate Us Login

Jurong East
Jurong West
Tampines
Changi
Redhill
Boon Lay
Joo Koon
Tanjong Pagar
Kranji
Holland Village

Find Pizza Near Me

Search by Postal Code or Street Name Search

View Map

Map Data | Terms of Use | Report a map error

Company
Join Us
About Us
Contact

Help
FAQ

Social
Facebook
Instagram
Youtube
TikTok

**Connectus Pizza
Singapore
6362 8890**

Figure 0-18: Locate Us Page

connectus Home Menu Rewards Locate Us Login

Jurong East
Jurong West
Tampines
Changi
Redhill
Boon Lay
Joo Koon
Tanjong Pagar
Kranji
Holland Village

Find Pizza Near Me

Jurong East Search

10 Jurong East Street 12, Singapore 609690

View Map

Map Data | Terms of Use | Report a map error

Company
Join Us
About Us
Contact

Help
FAQ

Social
Facebook
Instagram
Youtube

**Connectus Pizza
Singapore
6362 8890**

Figure 0-19: Location Query Success

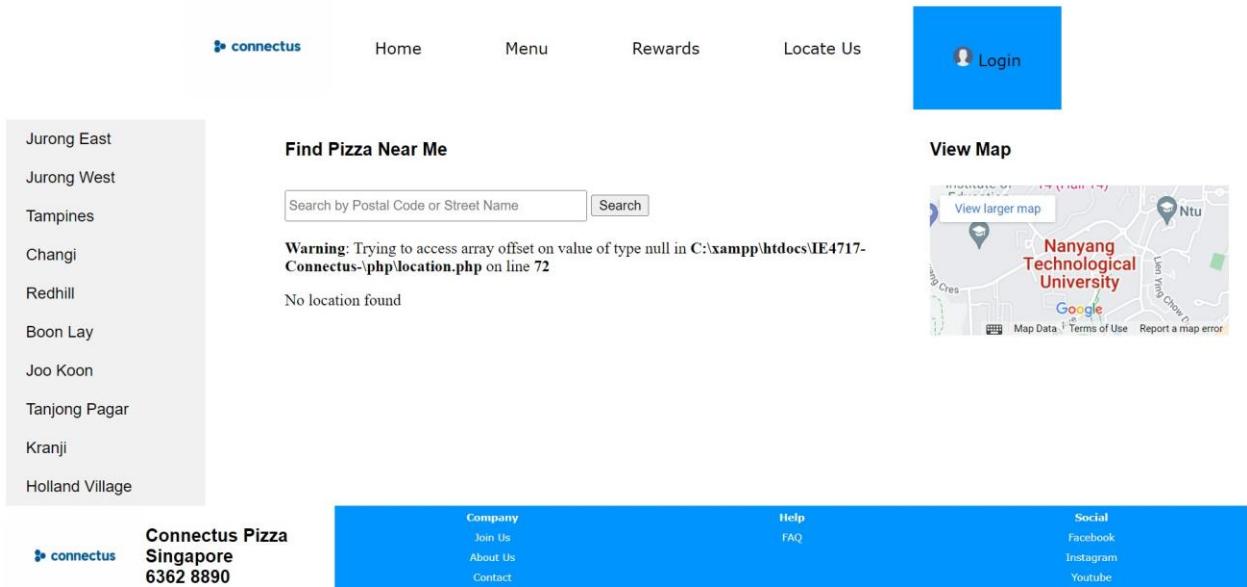


Figure 0-20: Location Query Fail

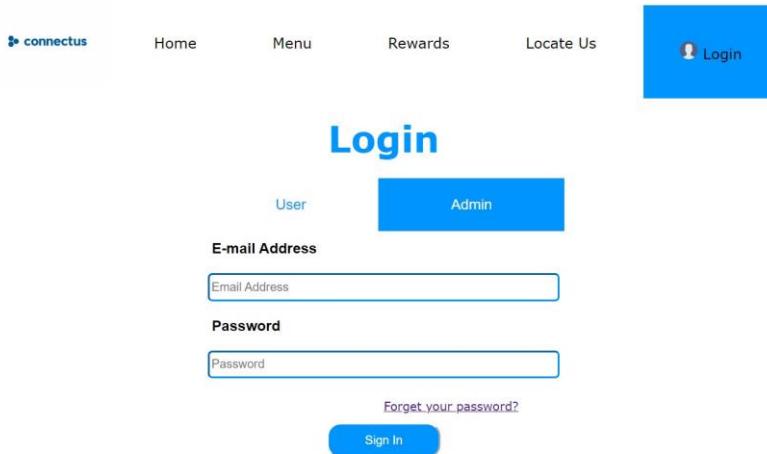
4.2.5 Register and Login Page

The login page is separated into user login (authmain.php) and admin login (authmain-admin.php). Users will need to fill in their registered email-address and password to the login page to sign in to the account. If the user doesn't have an account, they can click on the "Sign Up Now" link to be directed to the sign up page (signup.php) to register for an account. If the user forgets their password, they can click on the "Forgot your password?" link to be directed to the reset password page (reset.html) to reset their password.

The screenshot shows the 'Login' page for users. It features a large blue header with the word 'Login'. Below it, there are two tabs: 'User' (which is selected) and 'Admin'. There are two input fields: 'E-mail Address' and 'Password'. Below the password field is a link 'Forgot your password?'. At the bottom is a blue 'Sign In' button. At the very bottom, there's a link 'Don't have an account? [Sign Up Now](#)'.

Figure 0-21 Login Page (User)

For admin, they will be provided with an email address and password to login. No registration is required for the page admin.



The screenshot shows a login page for 'connectus'. At the top, there is a navigation bar with links for Home, Menu, Rewards, and Locate Us. To the right of these is a blue button labeled 'Login' with a user icon. Below the navigation bar, the word 'Login' is centered in large blue letters. Underneath 'Login', there are two tabs: 'User' (in light blue) and 'Admin' (highlighted in blue). The 'Admin' tab has a white background. Below the tabs, there are two input fields: 'E-mail Address' and 'Password', each with a corresponding text input box. To the right of the 'Password' input box is a link 'Forgot your password?'. At the bottom of the form is a blue 'Sign In' button.

Figure 0-22 Login Page (Admin)

The sign up page consists of 5 information to be filled up which includes email address, password, retype password, name and contact number. Form validation has been implemented for 3 inputs through JavaScript (login.js) with the criteria as below:

- Email address: Name@Domain Name
- Password : minimum 8 characters (minimum 1 uppercase letter, 1 lowercase letter and 1 number is required)
- Contact Number: start with +65 and continue with 8 digits

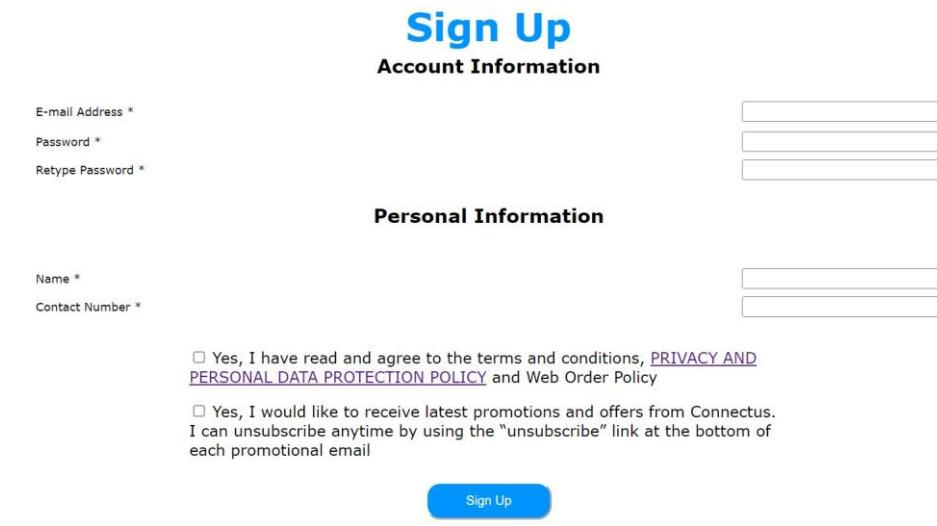
Password validation is done by comparing the password and retype password. If the passwords do not match, it will print out a message stating “Sorry passwords do not match”.

```
$email_address = $_POST['email_address'];
$password = $_POST['password'];
$retype_password = $_POST['retype_password'];
$name = $_POST['name'];
$contact_number = $_POST['contact_number'];

if ($password != $retype_password){
    echo "Sorry passwords do not match";
    exit;
}
```

Figure 0-23 Sign Up Page

Users are required to fill up all the information and click on both of the checkboxes to be able to proceed to the next page to complete the sign up process.



The screenshot shows a 'Sign Up' form titled 'Account Information'. It includes fields for E-mail Address, Password, and Retype Password. Below these are sections for 'Personal Information' with fields for Name and Contact Number. There are two checkboxes: one for accepting terms and conditions (linking to 'PRIVACY AND PERSONAL DATA PROTECTION POLICY') and another for receiving promotional offers from Connectus. A 'Sign Up' button is at the bottom.

Figure 0-24 Sign Up Page

Upon successful sign up, users will be prompted that they have successfully completed the sign up process (signup.php)

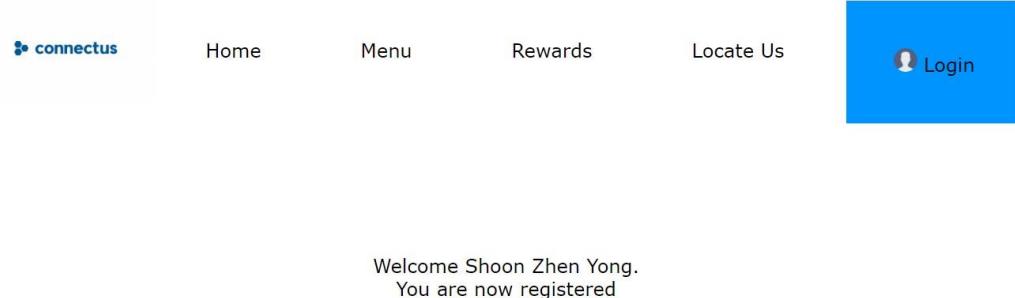


Figure 0-25 Sign Up Successful Page

When the user fills in the incorrect email address or password, our web application will inform the user that we couldn't log them in and require them to return to the login page (login.html) and fill up the correct email address and password.

Could not log you in.
Please make sure you entered the correct email and password

[Back to Login Page](#)

Figure 0-26 Sign In Fail Page

Upon signing in to the web application, users will be able to view their cart, their redeemed vouchers, their past order history.

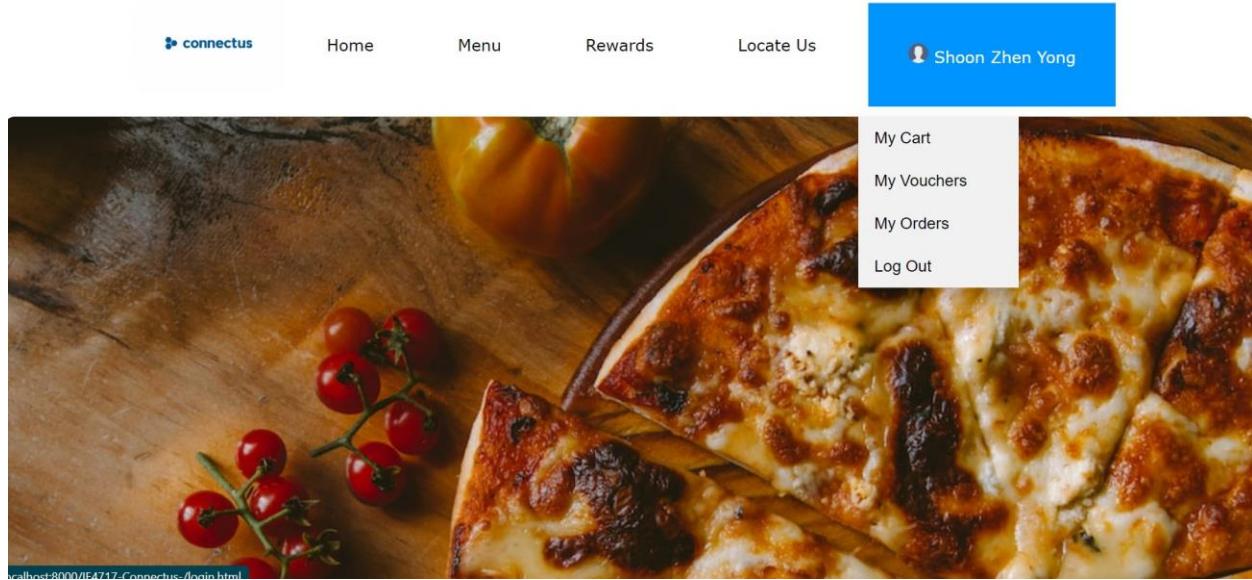


Figure 0-27 Sign In Page (Users)

Upon signing in as admin, admin will be able to edit the menu and edit the pricing of the menu

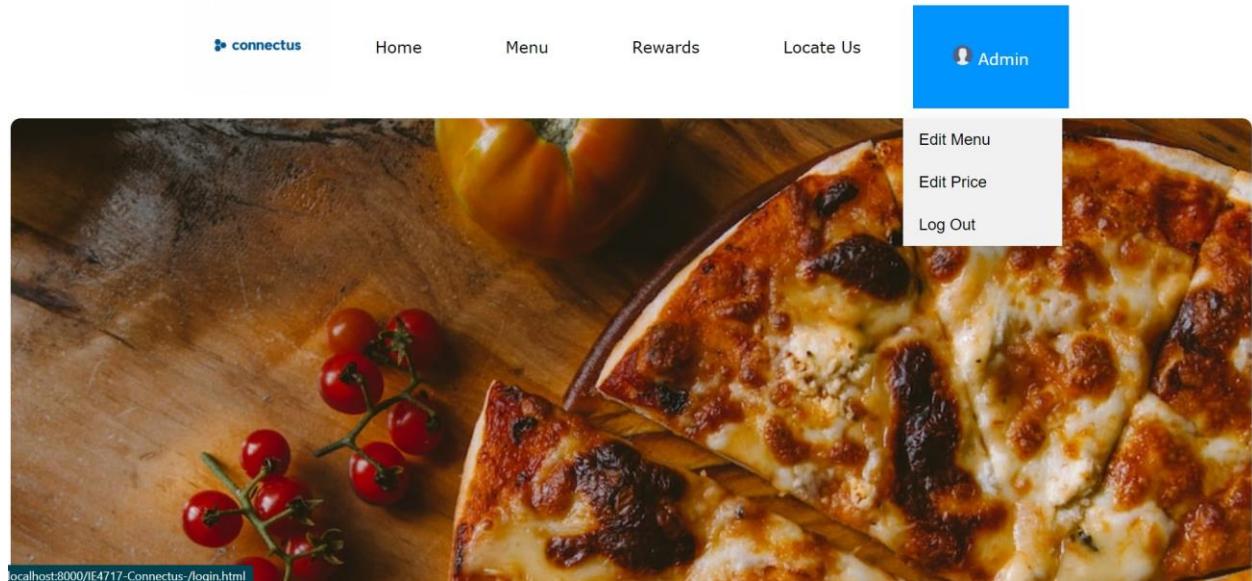


Figure 0-28 Sign In Page (Admin)

Upon successful login, session is created for the user and the session will be checked when navigating through all the pages

```
if($result->num_rows>0){  
    $_SESSION['valid_user'] = $email_address;  
}
```

Figure 0-29 Session Created

To logout, simply click on the logout button and user can back to the home page through the “Back to Main Page”

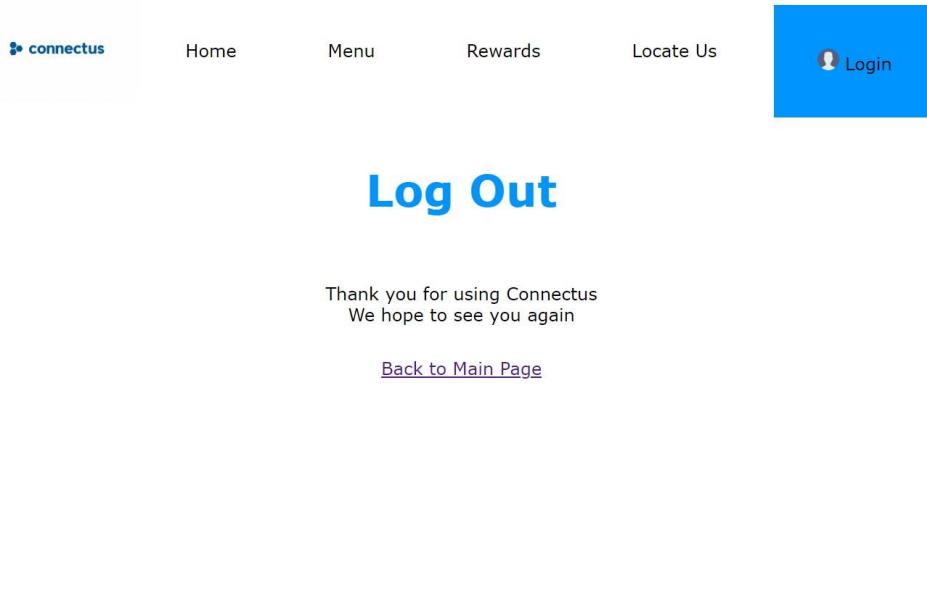


Figure 0-30 Log Out Page

Upon logout from the page, the current session will be destroyed.

```
<?php  
session_start();  
  
$old_user = $_SESSION['valid_user'];  
unset($_SESSION['valid_user']);  
session_destroy();  
?>
```

Figure 0-31 Destroy Session

If the user forgets their password, they can reset their password through the reset password page (reset.html). Email will be sent to their respective email for them to reset their password.



Figure 0-32 Reset Password

5. Testing of web application

Testing is important to prevent bugs and provide better usability for our users as well as enhance functionality. Everything should be working the same as what we are expecting.

5.1 Functionality Testing

5.1.1 Link Redirect Testing

We check whether users are directed to the correct page when users click on any links. All the links in the header are working as well. Users will also be directed to the correct tab. For example, if the user wishes to access the menu page, the user can click on the menu option in the navigation bar to be directed to the menu page. Same goes for the rewards page, locate us page and login page.

5.1.2 Form Validation

Form validation using <form> is done in all our forms, which are in

- a. Alert users when email address is invalid
 - b. Alert users when password is invalid
 - c. Alert users when contact number is invalid
 - d. Alert users when email is invalid
 - e. Alert users when credit card is invalid
 - f. Alert users when CVV is invalid
 - g. Alert users when sign up email address is invalid
- a. The input for email address in signup.php has to be in the form of (input)@(domain name).com. Any other input will trigger the alert box when the user clicks away. The example below triggers the alert box as the email address is not in the form if (input)@(domain name).com

The screenshot shows a web page titled "Sign Up" with "Account Information". At the top left is the "connectus" logo and a "Home" link. On the right is a blue "Login" button. A dark gray alert box is centered, displaying the message: "localhost:8000 says" followed by "The email you entered is not in the correct form. The correct form is: User Name @ Domain Name". An "OK" button is at the bottom of the alert box. Below the alert box, the "Sign Up" and "Account Information" titles are visible, along with input fields for "E-mail Address *", "Password *", and "Retype Password *". The "E-mail Address" field contains "zhenyong.com".

Figure 1-1 Form validation a

- b. The input for password in signup.php has to be a minimum of 8 characters with at least one upper case, one lower case and one number. Any other input will trigger the alert box when the user clicks away. The example below triggers the alert box as the password does not have a number.

The screenshot shows a web page titled "Sign Up" with "Account Information". At the top left is the "connectus" logo and a "Home" link. On the right is a blue "Login" button. A dark gray alert box is centered, displaying the message: "localhost:8000 says" followed by "Your password format is incorrect. Minimum eight characters, at least one uppercase letter, one lowercase letter and one number". An "OK" button is at the bottom of the alert box. Below the alert box, the "Sign Up" and "Account Information" titles are visible, along with input fields for "E-mail Address *", "Password *", and "Retype Password *". The "E-mail Address" field contains "zhenyong25@gmail.com". The "Password" field contains "*****".

Figure 1-2 Form validation b

- c. The input for contact number in signup.php has to start with +65 continue with 8 digits. Any other input will trigger the alert box when the user clicks away. The example below triggers the alert box as the contact number does not continue with 8 digits after +65.

The screenshot shows a 'Sign Up' form with 'Account Information' section. At the top, there is a dark modal window with white text that says 'localhost:8000 says' followed by an error message: 'Your contact number format is incorrect. It should starts with +65 continue with 8 digit number'. Below the modal is a blue button labeled 'OK'. To the right of the modal is a blue 'Login' button with a user icon. The main form has fields for 'E-mail Address *' (containing 'zhenyong25@gmail.com'), 'Password *' (containing '*****'), and 'Retype Password *' (containing '*****'). Below these fields is a section titled 'Personal Information' with fields for 'Name *' (containing 'Shoon Zhen Yong') and 'Contact Number *' (containing '91492483').

Figure 1-3 Form validation c

d. The input for name in payment.php has to be only in alphabet and space. Any other input will trigger the alert box when the user clicks away. The example below triggers the alert box as the name contains numbers.

The screenshot shows a payment form with a table of items and a bottom section for payment details. The table has columns for Item ID (1, 2, 3), Item Name (French Fries), and Price (\$15.00, \$20.00, \$6.00). The total price is \$41.00. Below the table is a form with fields for Name (containing '123'), Email (empty), Credit Card Number (empty), and CVV (empty). At the bottom are 'Cancel Order' and 'Submit Order' buttons. A dark modal window with white text says 'localhost:8000 says' followed by 'The name you entered is not correct. Only use alphabets and space.' with an 'OK' button.

Figure 1-4 Form validation d

e. The input for email in payment.php has to be in the form of (input)@(domain name).com. Any other input will trigger the alert box when the user clicks away. The example below triggers the alert box as the email is in the wrong format. It should be in f32ee@gmail.com.

Your Shopping Cart

| Item | Item Description | Price |
|------|------------------|--------|
| | Total: | \$0.00 |

Name

Email

Credit Card Number

CVV

Figure 1-5 Form validation e

f. The input for credit card in payment.php has to be in the form of a 16 digits number starting with its respective payment method digit. For example, for master credit card, it should start with 5 and followed by 15 digits. The regular expression in the javascript allows visa, master, amex and discover credit cards. Any other input will trigger the alert box when the user clicks away. The example below triggers the alert box as the credit card has 15 digits instead of 16 digits.

Your Shopping Cart

| Item | Item Description | Price |
|------|------------------|--------|
| | Total: | \$0.00 |

Name

Email

Credit Card Number

CVV

Figure 1-6 Form validation f

g. The input for CVV in payment.php has to be in the form of a 3 digits number. Any other input will trigger the alert box when the user clicks away. The example below triggers the alert box as the CVV has 4 digits in the input box.

The screenshot shows a web browser window with the URL `localhost:8000/I4717/I4717-Connectus-/menu-page/payment.php`. A modal dialog box is displayed in the center, showing the message "Invalid cvv, please enter 3 number". Below the modal, there is a blue button labeled "OK". To the right of the modal, there is a blue button labeled "Login". The main content area of the page is titled "Your Shopping Cart" and contains a table with three columns: "Item", "Item Description", and "Price". The table has one row with the text "Total: \$0.00". Below the table, there is a form with fields for "Name", "Email", "Credit Card Number", and "CVV". The "CVV" field contains the value "1234".

Figure 1-7 Form validation g

5.1.3 Session Variables

We have tested the session variable by using back and forth event in the browser. We ensure the number of selected items in the menu carts reflected are correct.

5.1.4 Database Testing

We have checked all database queries are executed correctly by checking all the data is retrieved and updated correctly on our pages.

5.1.5 Users wish to add item into cart and checkout case

After adding items to cart, the cart quantity increases accordingly as seen in the figure below.

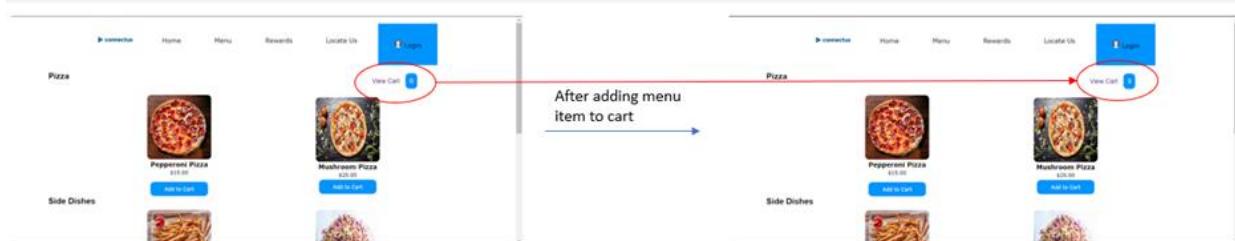


Figure 2-1 User adding items into cart

Users can view the items in cart by clicking on “View Cart” located at the top right of the web page.

The figure shows two screenshots of a web page. The left screenshot displays a menu with sections for Pizza and Side Dishes, each featuring images of food items and "Add to Cart" buttons. A red circle highlights the "View Cart" button in the top right corner. The right screenshot shows the "Your Shopping Cart" page with a table listing three items: Pepperoni Pizza (\$15.00), Mushroom Pizza (\$20.00), and French Fries (\$6.00). The total is \$41.00. Below the table are buttons for "Continue Shopping", "Empty Your Cart", and "Order Now".

Figure 2-2 User click on “View Cart”

Users can empty the cart after clicking on “Empty your Cart”. The cart will be empty and the user can click on “Continue Shopping” to go back to menu.

The figure shows two screenshots of a web page. The left screenshot shows the "Your Shopping Cart" page with a table of three items. The right screenshot shows the same cart page, but the table is empty, indicating the cart has been cleared. Below the table are buttons for "Continue Shopping", "Empty Your Cart", and "Order Now".

Figure 2-3 Empty Cart

Users can click on “Order Now” to go to the payment page.

The figure shows two screenshots of a web page. The left screenshot shows the "Your Shopping Cart" page with a table of three items. The right screenshot shows a payment form with fields for Name, Email, Credit Card Number, and CVV. At the bottom of the form are "Cancel Order" and "Submit Order" buttons. A red circle highlights the "Submit Order" button.

Figure 2-4 User clicks on “Order Now”

After users key in their particulars and click on “Submit Order”, an alert box will show up informing them that a confirmation email is sent.

The figure shows two screenshots of a web page. The left screenshot shows the payment form with input fields for Name, Email, Credit Card Number, and CVV. The "Submit Order" button is highlighted with a red circle. The right screenshot shows an alert dialog box with the message: "localhost:8000 says: An confirmation email has been sent to your account. Your price will be ready in 20 minutes. Please check and Thank You for the support". Below the dialog is the payment form.

Figure 2-5 User clicks on “Submit Order”

An confirmation is sent to f32ee@localhost.

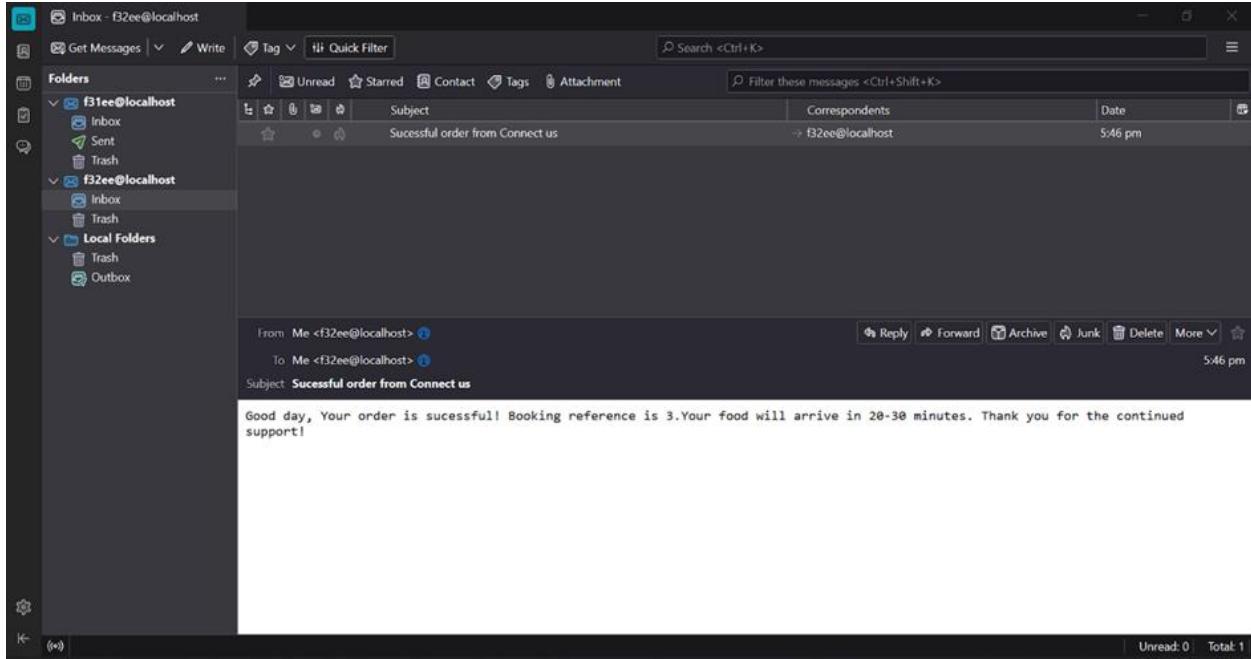


Figure 2-6 Confirmation email

5.2 Usability Testing

When users access our web application, the homepage will be shown. Users are given choices to select different paths.

5.3 Interface Testing

We test the interface by checking the integration between frontend side and backend database server. Our database is connected directly to our frontend. All the queries can function correctly and display as the frontend as expected. Some examples of database working correctly are that the menu page is able to obtain the price from the database, sales and particulars are updated once the user submit their order.

The screenshot shows two instances of the phpMyAdmin interface side-by-side, both connected to the 'connectus' database on 'Server: 127.0.0.1'.

Top Window (particulars Table):

- Table Structure:** particulars
- Table Data:**

| | id | name | email | credit_card_number | cvv |
|--|----|--------------|-----------------|--------------------|-----|
| | 3 | Jia Kang Kua | f32ee@localhost | 4294967295 | 123 |
- Operations:** Edit, Copy, Delete, Export
- Query results operations:** Print, Copy to clipboard, Export, Display chart, Create view

Bottom Window (sales Table):

- Table Structure:** sales
- Table Data:**

| | id | pepperoni_pizza | mushroom_pizza | french_fries | coleslaw | green_tea | coke | total |
|--|----|-----------------|----------------|--------------|----------|-----------|------|-------|
| | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 41.00 |
- Operations:** Edit, Copy, Delete, Export
- Query results operations:** Print, Copy to clipboard, Export, Display chart, Create view

Figure 3-1 Sales and particular database

5.4 Compatibility Testing

We have tested our application in different browsers to ensure it works across different platforms. Generally, the website layout looks similar and not distorted. The 3 web browsers which were used are Google Chrome, Microsoft Edge and Firefox.

- Google Chrome

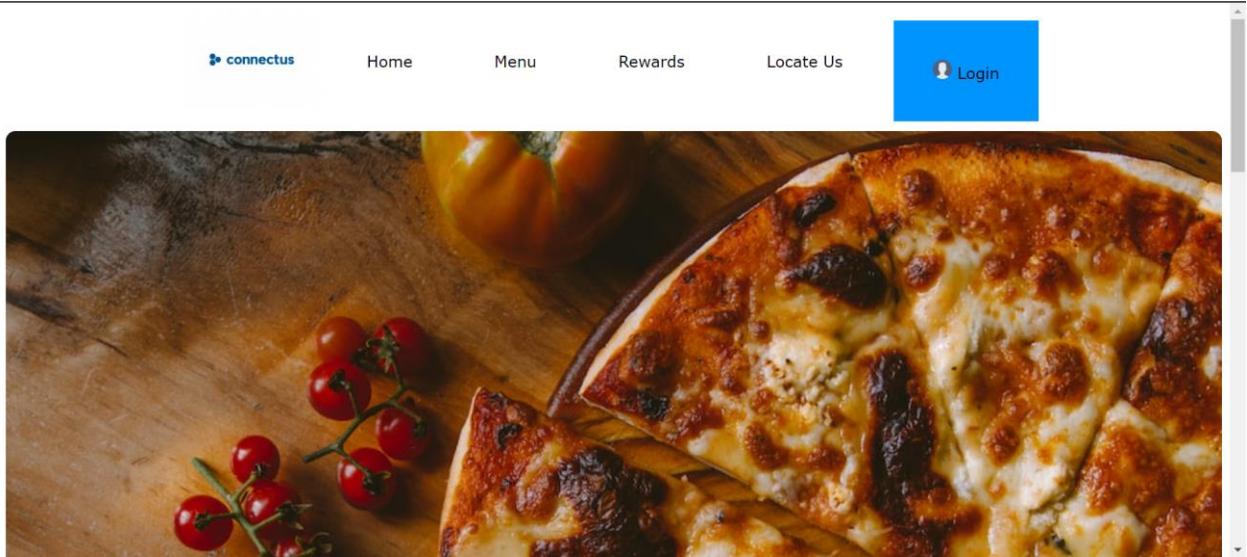


Figure 4-1 Homepage on Google chrome

b. Microsoft Edge

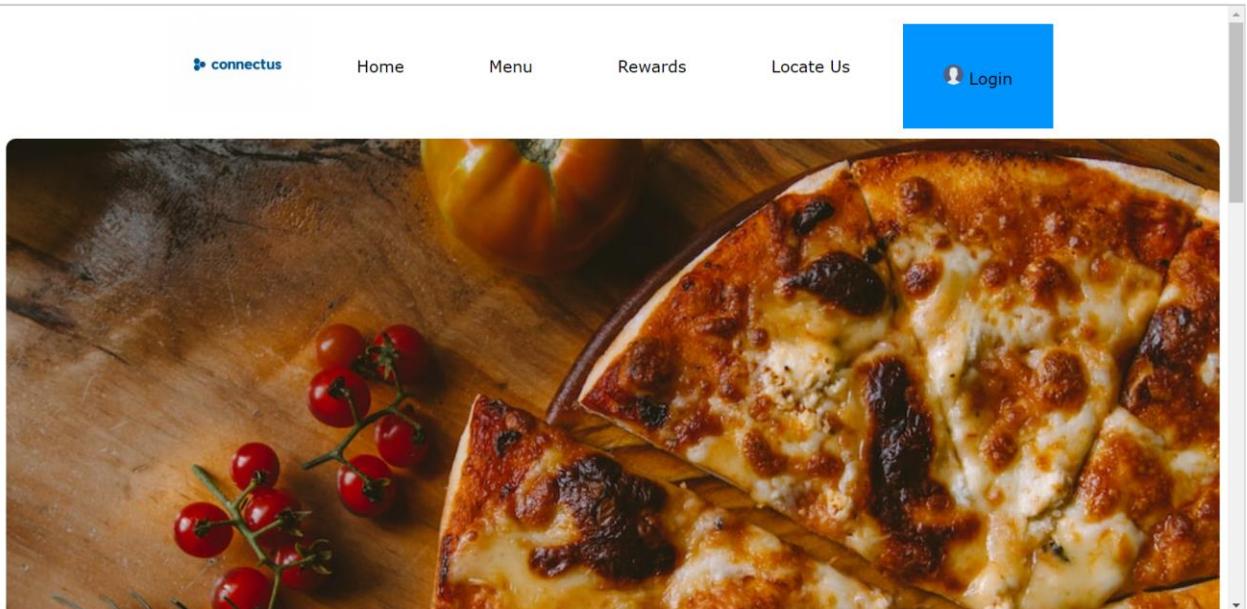


Figure 4-2 Homepage on Microsoft Edge

c. Firefox

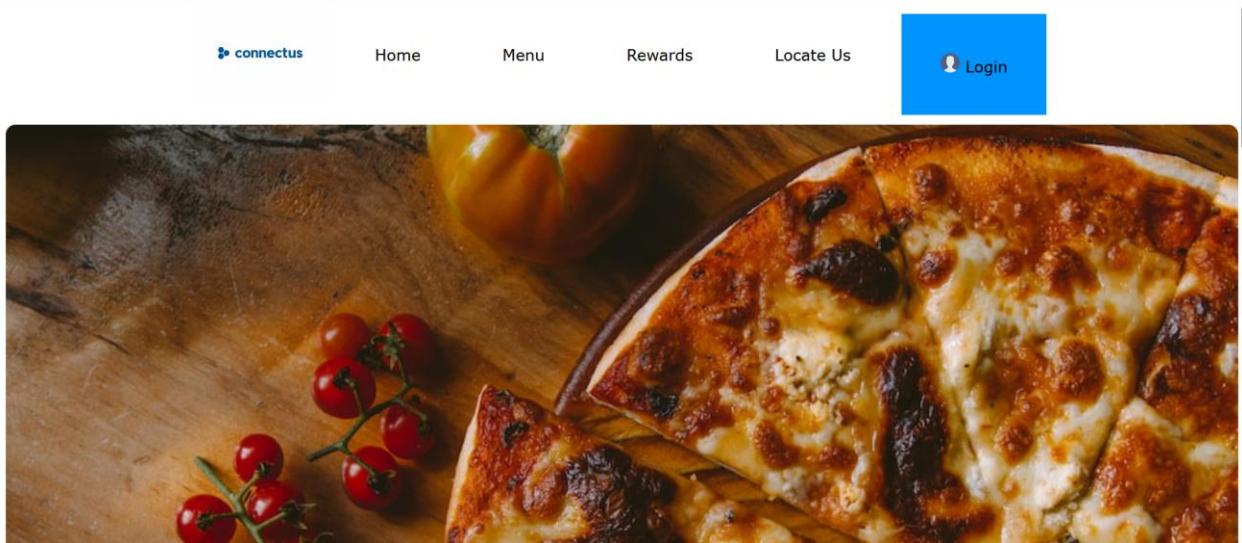


Figure 4-3 Homepage on Firefox

6. Conclusion

We have developed a web application for a pizza ordering web application. The project is definitely a very good opportunity for us to have hands-on experience in designing and developing a functional web application. We have applied what we learnt in the lectures and tutorials and do our own research throughout the development. We have picked up both front-end and back-end development, which use HTML, CSS, JavaScript, MySQL and PHP.

However, there are rooms of improvement for our web application. Functions such as a login session could be implemented to allow login users to place order with their respective unique order id or a history to show the user's order history.

To conclude, we enjoy working on the design and development of this project and we have learned a lot of technical skills along the way

7. Appendices

7.1 Appendix: Source Code

- a. HTML
- b. CSS
- c. JavaScript
- d. SQL
- e. PHP

a. HTML

index.html

```
<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="./img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="./CSS/main.css">
    <script type="text/javascript" src="./JS/index.js"></script>
</head>

<body>
    <header>
        <!-- Navigation Bar -->
        <div class="nav-content">
            <li></li>
            <li><a class="nav-bar-content" href="index.html">Home</a></li>
            <li><a class="nav-bar-content" href="menu.php">Menu</a></li>
            <li><a class="nav-bar-content" href="rewards.html">Rewards</a></li>
            <li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
            <li class="login-block">
                <a href="login.html" id="login">
                    
                    Login</a>
                </li>
            <div>
        </header>

        <div>
            
        </div>
    </div>

    <div id="bottom-column">
        <div id="container">
            
            <p class="content-txt">Modern day Pizzas were invented in a city called Naples located in Italy. These delicious food were initially consumed by the poors in the region of Naples. Long flatbread topped off with inexpensive garnishes such as tomato, cheese, oil, etc. These 'pizzas' was sold by food vendors
        </div>
    </div>

```

which was meant to be eaten quickly and without fuss. Today Pizzas are found in all corner of the world.</p>

<h1 class="content-intro">History</h1>

</div>

<div id="container">

<h1 class="content-intro">History of restuarant</h1>

<p class="content-txt">Connectus is an American multinational restaurant chain and international franchise founded in 1958 in Wichita, Kansas by Dan and Frank Carney. They serve their signature pan pizza and other dishes including pasta, breadsticks and dessert at dine-in, take-out and delivery chain locations. They also serve chicken wings on their WingStreet menu.

The chain headquartered in Plano, Texas</p>

</div>

<div id="container">

<p class="content-txt">Our chefs, Chef Leonardo, have been trained in many Italian restaurants all around the world. With 40 years of experience, he has been overseeing the process

of every single pizza coming out of our kitchen. From handpicking only the very fresh ingredients to temperature of the stove, Chef Leonardo is involved in every

step to ensure only the freshest and tastiest pizza comes to your table!</p>

<h1 class="content-intro">Our Chefs</h1>

</div>

</div>

<footer>

<div class="footer">

<div class="footer-div">

<div class="footer-info">

Connectus Pizza Singapore

6362 8890

</div>

</div>

<div class="footer-table">

<table class="footer-table">

<tr>

<td style="width:10%" class="table-header">Company</td>

<td style="width:10%" class="table-header">Help</td>

<td style="width:10%" class="table-header">Social</td>

</tr>

<tr>

```

<td>Join Us</td>
<td>FAQ</td>
<td>Facebook</td>
</tr>
<tr>
    <td>About Us</td>
    <td></td>
    <td>Instagram</td>
</tr>
<tr>
    <td>Contact </td>
    <td></td>
    <td>Youtube</td>
</tr>
<tr>
    <td></td>
    <td></td>
    <td>TikTok</td>
</tr>
</table>
</div>
</div>
</body>
</html>

```

locate.html

```

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href=".//img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href=".//CSS/main.css">
    <link rel="stylesheet" href=".//CSS/locate.css">
    <script type="text/javascript" src=".//JS/index.js"></script>
</head>

<body>
    <header>

```

```

<!-- Navigation Bar -->
<div class="nav-content">
    <li></li>
    <li><a class="nav-bar-content" href="index.html">Home</a></li>
    <li><a class="nav-bar-content" href="menu.php">Menu</a></li>
    <li><a class="nav-bar-content" href="rewards.html">Rewards</a></li>
    <li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
    <li>
        <a href="login.html" id="login">
            
            Login</a>
        </li>
    <div>
</header>

<!-- side-navigation-bar -->

<div class="flex-container">
    <div class="locations">
        <ul>
            <li><a href="">Jurong East</a></li>
            <li><a href="">Jurong West</a></li>
            <li><a href="">Tampines</a></li>
            <li><a href="">Changi</a></li>
            <li><a href="">Redhill</a></li>
            <li><a href="">Boon Lay</a></li>
            <li><a href="">Joo Koon</a></li>
            <li><a href="">Tanjong Pagar</a></li>
            <li><a href="">Kranji</a></li>
            <li><a href="">Holland Village</a></li>
        </ul>
    </div>
    <div class="search-bar">
        <div class="find-me">Find Pizza Near Me</div>
        <form action=".php/location.php" method="post">
            <input class="search-location" type="text" id="textbox" size="40" placeholder="Search by
Postal Code or Street Name" height="100px" name="location">
            <input class="submit-search-location" type="submit" name="submit" value="Search"
height="100px">
        </form>
    <!-- <h1>Jurong West<br>

```

```

        Nanyang Drive Ave, 639798<br>
        11am to 1130pm</h1> -->
    </div>
    <div class="map">
        <div class="view-map">View Map</div>
        <iframe
            src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3988.7136383779975!2d103.68
            094601329543!3d1.3483098990166276!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x31d
            a0f0a99014463%3A0xb8bb0800c52d8219!2sNanyang%20Technological%20University!5e0!3m2!1s
            en!2ssg!4v1665564415608!5m2!1sen!2ssg"      width="300"      height="150"      style="border:0;">
        </div>
    </div>

</div>

<footer>
    <div class="footer">
        <div class="footer-div">
            
            <div class="footer-info">
                <span class="footer-info-top">Connectus Pizza Singapore</span><br>
                <span class="footer-info-bottom">6362 8890</span>
            </div>
        </div>
    </div>

    <div class="footer-table">
        <table class="footer-table">
            <tr>
                <td style="width:10%" class="table-header">Company</td>
                <td style="width:10%" class="table-header">Help</td>
                <td style="width:10%" class="table-header">Social</td>
            </tr>
            <tr>
                <td>Join Us</td>
                <td>FAQ</td>
                <td>Facebook</td>
            </tr>
            <tr>
                <td>About Us</td>
                <td></td>
                <td>Instagram</td>
            </tr>
            <tr>

```

```

<td>Contact </td>
<td></td>
<td>Youtube</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TikTok</td>
</tr>
</table>
</div>
</div>
</footer>
</body>
</html>

```

signup.html

```

<!DOCTYPE html>

<html>
<head>
<title>Connectus</title>
<link rel="icon" type="image/x-icon" href="./img/favicon.ico">
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="./CSS/main.css">
<link rel="stylesheet" href="./CSS/signup.css">
<script type="text/javascript" src="./JS/login.js"></script>
<style>
.form-content{
    font-size: larger;
}
</style>
</head>

<body>
<header>
<div class="nav-content">
<li></li>
<li><a class="nav-bar-content" href="index.html">Home</a></li>
<li><a class="nav-bar-content" href="menu.php">Menu</a></li>
<li><a class="nav-bar-content" href="rewards.html">Rewards</a></li>
<li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>

```

```

<li>
    <a href="login.html" id="login">
        
        Login</a>
    </li>
</div>
</header>

<div class="signup">Sign Up</div>

<div class="signup-box">
    <form action="php/signup.php" method="post">

        <div class="form-header">Account Information</div>
        <table class="account-info">
            <tr>
                <td class="table-left"><label class="form-content">E-mail Address *</label></td>
                <td><input name="email_address" id="account-email" class="form-input" type="text" onchange="validateEmail();" required></td>
            </tr>
            <tr>
                <td class="table-left"><label class="form-content">Password *</label></td>
                <td><input name="password" id="account-password" class="form-input" type="password" onchange="validatePassword();" required></td>
            </tr>
            <tr>
                <td class="table-left"><label class="form-content">Retype Password *</label></td>
                <td><input name="retype_password" id="retype-password" class="form-input" type="password" required></td>
            </tr>
        </table>

        <div class="form-header">Personal Information</div>
        <table class="personal-info">
            <tr>
                <td class="table-left"><label class="form-content">Name *</label></td>
                <td><input name="name" id="name" class="form-input" type="text" onchange="name();" required></td>
            </tr>
            <tr>
                <td class="table-left"><label class="form-content">Contact Number *</label></td>
            </tr>
        </table>
    </form>
</div>

```

```

<td><input name="contact_number" id="contact-number" class="form-input" type="text" onchange="validateContact();" required></td>
</tr>
</table>

<div class="checkbox-click">
    <input class="checkbox" type="checkbox" required>
    <span class="checkbox-content">Yes, I have read and agree to the terms and conditions, <a href="">PRIVACY AND PERSONAL DATA PROTECTION POLICY</a> and Web Order Policy</span>
</div>

<div class="checkbox-click">
    <input class="checkbox" type="checkbox" required>
    <span class="checkbox-content">Yes, I would like to receive latest promotions and offers from Connectus.
    I can unsubscribe anytime by using the “unsubscribe” link at the bottom of each promotional email</span>
</div>
</div>
<input class="sign-up-button" type="submit" value="Sign Up"><br>
</form>
</div>
</body>

<footer>

</footer>
<script type="text/javascript" src=".JS/signup.js"></script>
</html>

```

login.html

```

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href=".img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href=".CSS/main.css">
    <link rel="stylesheet" href=".CSS/login.css">

```

```

<script type="text/javascript" src=".//JS/login.js"></script>
</head>

<body>
<header>
    <!-- Navigation Bar -->
    <div class="nav-content">
        <li></li>
        <li><a class="nav-bar-content" href="index.html">Home</a></li>
        <li><a class="nav-bar-content" href="menu.php">Menu</a></li>
        <li><a class="nav-bar-content" href=".//php/rewards_voucher.php">Rewards</a></li>
        <li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
        <li>
            <a href="login.html" id="login">
                
                Login</a>
            </li>
        <div>
    </header>

<div class="login">Login</div>

<!-- user and admin -->
<div class="user-admin">
    <a href="login.html" class="user">User</a>
    <a href="login-admin.html" class="admin">Admin</a>
</div>

<div class="login-box">
    <form action=".//php/authmain.php" method="post">
        <label class="form-content">E-mail Address</label><br>
        <input name="email_address" class="form-input" id="account-email" type="text"
        onchange="validateEmail(); placeholder="Email Address" required><br>
        <label class="form-content">Password</label><br>
        <input name="password" class="form-input" id="account-password" type="password"
        onchange="validatePassword(); placeholder="Password" required>
        <div class="reset-link"><a href="reset.html">Forget your password?</a></div>
        <input class="sign-in-button" type="submit" value="Sign In">
    </form>

<div class="no-account">
    <span>Don't have an account?</span>
    <span><a href="signup.html">Sign Up Now</a></span>

```

```

    </div>
</div>
</body>

<footer>

</footer>
<script type="text/javascript" src=".JS/login.js"></script>
</html>

```

login-admin.html

```

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href=".img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href=".CSS/main.css">
    <link rel="stylesheet" href=".CSS/login.css">
    <script type="text/javascript" src=".JS/index.js"></script>
    <style>
        .admin{
            color: white;
            background-color: #0094FF;
        }
        .user{
            color:#0094FF;
            background-color: white;
        }
    </style>
</head>

<body>
    <header>
        <div class="nav-content">
            <li></li>
            <li><a class="nav-bar-content" href="index.html">Home</a></li>
            <li><a class="nav-bar-content" href="menu.php">Menu</a></li>
            <li><a class="nav-bar-content" href="rewards.html">Rewards</a></li>
        </div>
    </header>

```

```

<li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
<li>
    <a href="login.html" id="login">
        
        Login</a>
    </li>
</div>
</header>

<div class="login">Login</div>

<!-- user and admin -->
<div class="user-admin">
    <a href="login.html" class="user">User</a>
    <a href="login-admin.html" class="admin">Admin</a>
</div>

<div class="login-box">
    <form action=".php/authmain-admin.php" method="post">
        <label class="form-content">E-mail Address</label><br>
        <input name="email_address" class="form-input" id="account-email" type="text" onchange="validateEmail();"
        placeholder="Email Address" required><br>
        <label class="form-content">Password</label><br>
        <input name="password" class="form-input" id="account-password" type="password" onchange="validatePassword();"
        placeholder="Password" required>
        <div class="reset-link"><a href="reset.html">Forget your password?</a></div>
        <input class="sign-in-button" type="submit" value="Sign In">
    </form>
</div>
</body>

<footer>

</footer>
<script type="text/javascript" src=".JS/login.js"></script>
</html>

```

reset.html

```

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href=".img/favicon.ico">

```

```

<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="./CSS/main.css">
<link rel="stylesheet" href="./CSS/reset.css">
<script type="text/javascript" src=".JS/index.js"></script>
</head>

<body>
<header>
<div class="nav-content">
<li></li>
<li><a class="nav-bar-content" href="index.html">Home</a></li>
<li><a class="nav-bar-content" href="menu.php">Menu</a></li>
<li><a class="nav-bar-content" href=".rewards-page/points.html">Rewards</a></li>
<li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
<li>
<a href="login.html" id="login">

Login</a>
</li>
</div>
</header>

<div class="reset_password">Reset Password</div>

<div class="login-box">
<form action="reset.php" method="post">
<p class="reset-content">Enter the email-address associated with your account and we will send you a link to reset your password</p>
<input class="email-address-content" type="text" placeholder="Email Address" required><br>
<input class="continue-button" type="submit" value="Continue">
</form>
</div>
</body>

<footer>
</footer>
<script type="text/javascript" src=".JS/reset.js"></script>
</html>

```

rewards.html

```
<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="./img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="./CSS/main.css">
    <link rel="stylesheet" href="./CSS/rewards.css">
    <script type="text/javascript" src="./JS/index.js"></script>
</head>

<body>
    <header>
        <div class="nav-content">
            <li></li>
            <li><a class="nav-bar-content" href="index.html">Home</a></li>
            <li><a class="nav-bar-content" href="menu.php">Menu</a></li>
            <li><a class="nav-bar-content" href=".//rewards-page/points.html">Rewards</a></li>
            <li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
            <li>
                <a href="login.html" id="login">
                    
                    Login</a>
                </li>
            </div>
        </header>

        <!-- Points -->
        <div class="points">
            
            <span class="points-progress">0</span>
            <span>Connectus Points</span><br>
            
            <p>Get <span class="points-progress">0</span> more points by 31 Dec 2022 to maintain gold</p>
            <div class="tier_benefits"><a class="tier_benefits" href="">View Tier Benefits</a></div>
        </div>

        <div class="redeem-types">
```

```

<a href="rewards.html" class="rewards">Redeem Points</a>
<a href="rewards-voucher.html" class="rewards_vouchers">Redeem Vouchers</a>
</div>

<div class="all-vouchers">

    <form action="php/rewards.php" method="post">
        <div class="pizza">
            
            <input name="regular_pizza" class="redeem-button" type="submit" value="100
Points">
        </div>
    </form>

    <form action="php/rewards.php" method="post">
        <div class="pizza">
            
            <input name="large_pizza" class="redeem-button" type="submit" value="200
Points">
        </div>
    </form>

    <form action="php/rewards.php" method="post">
        <div class="pizza">
            
            <input name="extra_large_pizza" class="redeem-button" type="submit" value="300
Points">
        </div>
    </form>
</div>
</body>

</html>

```

rewards-vouchers.html

```

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href=".img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href=".CSS/main.css">

```

```

<link rel="stylesheet" href="./CSS/rewards.css">
<script type="text/javascript" src="./JS/index.js"></script>
<style>
    .rewards{
        color:#0094FF ;
        background-color: white;
    }

    .rewards_vouchers{
        color: white;
        background-color: #0094FF;
    }
</style>
</head>

<body>
    <header>
        <div class="nav-content">
            <li></li>
            <li><a class="nav-bar-content" href="index.html">Home</a></li>
            <li><a class="nav-bar-content" href="menu.php">Menu</a></li>
            <li><a class="nav-bar-content" href="rewards.html">Rewards</a></li>
            <li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
            <li>
                <a href="login.html" id="login">
                    
                    Login</a>
                </li>
            </div>
        </header>

        <!-- Points -->
        <div class="points">
            
            <span class="points-progress">0</span>
            <span>Connectus Points</span><br>
            
            <p>Get <span class="points-progress">0</span> more points by 31 Dec 2022 to maintain gold</p>
            <div class="tier_benefits"><a class="tier_benefits" href="">View Tier Benefits</a></div>
        </div>

        <div class="redeem-types">

```

```

<a href="rewards.html" class="rewards">Redeem Points</a>
<a href="rewards-voucher.html" class="rewards_vouchers">Redeem Vouchers</a>
</div>

<p class="product-code-header">Enter your product code here</p>
<form action="./php/rewards_voucher.php" method="post">
    <input name="voucher_code" class="voucher_code" type="text" height="50px" width="100px">
    <input name="redeem_voucher_code" class="redeem_voucher_code" type="submit" value="Redeem">
</form>

<div class="all-vouchers">
    <div class="pizza">
        
        <input class="redeem-button" type="submit" value="Redeem">
    </div>
    <div class="pizza">
        
        <input class="redeem-button" type="submit" value="Redeem">
    </div>
    <div class="pizza">
        
        <input class="redeem-button" type="submit" value="Redeem">
    </div>
</div>
</body>

</html>

```

view-vouchers.html

```

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="./img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="./CSS/main.css">
    <link rel="stylesheet" href="./CSS/cart.css">
    <link rel="stylesheet" href="./CSS/rewards.css">
    <script type="text/javascript" src="./JS/index.js"></script>
</head>

```

```

<body>
    <header>
        <div class="nav-content">
            <li></li>
            <li><a class="nav-bar-content" href="index.html">Home</a></li>
            <li><a class="nav-bar-content" href="menu.php">Menu</a></li>
            <li><a class="nav-bar-content" href=".rewards-page/points.html">Rewards</a></li>
            <li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
            <li>
                <a href="login.html" id="login">
                    
                    Login</a>
                </li>
            </div>
        </header>

```

```
<h1 class="shopping">View Vouchers</h1>
```

```

<div class="all-vouchers">
    <div class="pizza">
        
        <div class="expiry-date">
            <div class="expiry-date-content">Expiry Date: 17/4/2023</div>
        </div>
    </div>
    <div class="pizza">
        
        <div class="expiry-date">
            <div class="expiry-date-content">Expiry Date: 17/4/2023</div>
        </div>
    </div>
    <div class="pizza">
        
        <div class="expiry-date">
            <div class="expiry-date-content">Expiry Date: 17/4/2023</div>
        </div>
    </div>
</div>

```

```

<footer>
    <div class="footer">
        <div class="footer-div">

```

```


<div class="footer-info">
    <span class="footer-info-top">Connectus Pizza Singapore</span><br>
    <span class="footer-info-bottom">6362 8890</span>
</div>
</div>

<div class="footer-table">
    <table class="footer-table">
        <tr>
            <td style="width:10%" class="table-header">Company</td>
            <td style="width:10%" class="table-header">Help</td>
            <td style="width:10%" class="table-header">Social</td>
        </tr>
        <tr>
            <td>Join Us</td>
            <td>FAQ</td>
            <td>Facebook</td>
        </tr>
        <tr>
            <td>About Us</td>
            <td></td>
            <td>Instagram</td>
        </tr>
        <tr>
            <td>Contact </td>
            <td></td>
            <td>Youtube</td>
        </tr>
        <tr>
            <td></td>
            <td></td>
            <td>TikTok</td>
        </tr>
    </table>
</div>
</div>
</footer>

```

B. CSS

main.css

```
#wrapper {
```

```
background-color: #FFFFFF;
width: 80%;
margin: auto;
min-width: 800px;
}

#bottom-column{
background-color: #FFFFFF;
}

.footer {
text-align: center;
clear: right;
background-color: #FFFFFF;
display: flex;
width: 100%;

}

.content-img {
height: 250px;
width: 30% ;
margin: 20px;
border-radius: 15px;
position: relative;
top: 0;
transition: top ease 0.5s
}

.content-img:hover{
top: -10px;
}

.content-txt {
height: 200px;
width: 30%;
margin: 20px;
text-align: left;
margin-top: 40px;
}
```

```
.content-intro{  
    height: 200px;  
    width: 10%;  
    margin: 20px;  
    margin-top: 40px;  
}  
  
.nav-content {  
    display: flex;  
    justify-content: center;  
}  
  
.nav-bar a:link{  
    color: #000000  
}  
  
.nav-content a:hover{  
    background-color: #0094FF;  
    color: white;  
}  
  
.nav-bar-content{  
    list-style: none;  
    text-decoration: none;  
    font-family: Verdana, Geneva, Tahoma, sans-serif;  
    font-weight: 500;  
    padding: 42px;  
    margin: auto;  
}  
  
nav {  
    margin: 0px;  
}  
  
li {  
    display: inline;  
    list-style-type: none;  
    text-decoration: none;  
}
```

```
margin: 0px;
}

#login{
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    padding: 20px 40px;
}

.history-pizza{
    display: flex;
}

.column{
    flex: 33.33%;
    padding: 5px;
}

td{
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    padding: 0px 200px;
}

.further-info {
    background-color: #D9D9D9;
    display: flex;
    padding: 20px;
}

.footer-div{
    display: flex;
    width: 27%;
}

.footer-info{
    text-align: left;
    margin-top: 20px;
}

.footer-info-top{
```

```
    font-size: large;
    font-weight: bold;
    font-family: Arial, Helvetica, sans-serif;
}

.footer-info-bottom{
    font-size: large;
    font-weight: bold;
    font-family: Arial, Helvetica, sans-serif;
}

#container{
    display: flex;
    justify-content: center;
}

#login {
    list-style: none;
    text-decoration: none;
    padding: 40px;
    margin: 10px;
    background-color: #0094FF;
}

li a {
    display: block;
    color: #000;
    padding: 10px 20px;
    text-decoration: none;
    font-family: Arial, Helvetica, sans-serif;
}

.table-header{
    font-weight: bold;
}

.footer-table{
    background-color: #0094FF;
    color: white;
}
```

```
table {
    font-size: 10px;
}

th, td{
    padding: 3px 130px;
    width: 100%;
}

.successful {
    width: 400px;
    height: 300px;
    text-align: center;
    vertical-align: middle;
    margin: auto;
    padding-top: 100px;
    display: flex;
    justify-content: center;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
}

.footer {
    left: 0;
    bottom: 0;
    width: 100%;
    text-align: center;
}

/* Dropdown Button */
.dropbtn{
    background-color: #04AA6D;
    color: white;
    padding: 16px;
    font-size: 16px;
    border: none;
}

/* The container <div> - needed to position the dropdown content */
.dropdown{
```

```

        position: relative;
        display: inline-block;
    }

/* Dropdown Content (Hidden by Default) */
.dropdown-content {
    display: none;
    position: absolute;
    background-color: #f1f1f1;
    min-width: 160px;
    box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
    z-index: 1;
}

/* Links inside the dropdown */
.dropdown-content a {
    color: black;
    padding: 12px 16px;
    text-decoration: none;
    display: block;
}

/* Change color of dropdown links on hover */
.dropdown-content a:hover {background-color: #ddd;}

/* Show the dropdown menu on hover */
.dropdown:hover .dropdown-content {display: block;}

/* Change the background color of the dropdown button when the dropdown
content is shown */
.dropdown:hover .dropbtn {background-color: #3e8e41;}

.login-fail{
    display: block;
    text-align: center;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    padding-top: 30px;
}

.login-fail-return{

```

```
display: block;
text-align: center;
font-family: Verdana, Geneva, Tahoma, sans-serif;
padding-top: 30px;
padding-bottom: 30px;
margin-bottom: 185px;
}

.log-out{
color:#0094FF;
font-family: Verdana, Geneva, Tahoma, sans-serif;
font-size: 2.5rem;
font-weight: bold;
text-align: center;
padding: 5px;
}

.log-out-msg{
display: block;
text-align: center;
font-family: Verdana, Geneva, Tahoma, sans-serif;
padding-top: 30px;
}

.menu-header{
padding: 5px;
font-family: Arial, Helvetica, sans-serif;
font-size: 1.3rem;
font-weight: bold;
margin-left: 80px;
}

.add_button {
text-decoration: none;
color: white;
background-color: #0094FF;
padding: 10px 35px;
margin-top: 10px;
font-family: Verdana, Geneva, Tahoma, sans-serif;
border-radius: 10px;
```

```
    font-size: 0.8rem;
    font-weight: 500;
}

.price{
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 0.8rem;
    padding: 3px 0px;
    margin-top: 0px;
    font-weight: 500;
}

.menu-item{
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 1.0rem;
    margin-bottom: 0px;
}

img{
    border-radius: 10px;
}

.main-menu-header{
    display: flex;
}

.cart{
    margin-left: 60%;
    vertical-align: middle;
    padding: 5px;
    margin-top: 15px;
    margin-bottom: 10px;
    text-decoration: none;
}

.view-cart{
    text-decoration: none;
    font-family: Arial, Helvetica, sans-serif;
}
```

```

.cart-items {
    vertical-align: middle;
    padding: 10px;
    margin: 10px;
    text-decoration: none;
    font-family: Arial, Helvetica, sans-serif;
    background-color: #0094FF;
    color: white;
    border-radius: 10px;
}

.update-price{
    background-color: #0094FF;
    color: white;
}

```

cart.css

```

.shopping{
    color:#0094FF;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 2.5rem;
    font-weight: bold;
    text-align: center;
    padding: 5px;
}

table{
    background-color: #0094FF;
    color: white;
    border: 0px;
    border-color: none;
}

tr{
    font-size: medium;
}

thead{
    background-color: white;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
}

```

```
    color: black;
}

tfoot{
    background-color: white;
    color: black;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
}

.next-step{
    padding: 20px 40px;
    display: flex;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    justify-content: center;
}

.next-step-content{
    padding: 0 20px;
    text-decoration: none;
    background-color: #0094FF;
}

.booking-summary{
    text-align: center;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    margin: auto;
}

.booking-summary-content{
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    text-align: center;
}

.view-my-order{
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    text-align: center;
}

.back-to-home{
    margin: 40px auto;
```

```

        display: block;
        margin: auto;
    }

.back-to-home-content{
    padding: 10px 40px;
    background-color: #0094FF;
    color: white;
    text-decoration: none;
    font-family: Arial, Helvetica, sans-serif;
    border-radius: 10px;
    text-align: center;
}

.payment-table td{
    font-family: Arial, Helvetica, sans-serif;
    font-weight: bold;
}

.payment-details{
    width: 50px;
}

```

locate.css

```

ul {
    list-style-type: none;
    margin: 0;
    padding: 0;
    width: 200px;
    background-color: #f1f1f1;
    position: sticky;
}

li a {
    display: block;
    color: #000;
    padding: 10px 20px;
    text-decoration: none;
    font-family: Arial, Helvetica, sans-serif;
}

```

```
/* Change the link color on hover */
li a:hover {
    background-color: #0094FF;
    color: #FFFFFF;
}

.flex-container{
    display: flex;
}

.search-bar{
    margin: 20px;
}

.find-me{
    font-family: Arial, Helvetica, sans-serif;
    font-weight: bold;
    font-size: large;
    margin-bottom: 30px;
}

.search-location{
    height: 25px;
}

.map{
    margin: 20px;
}

.view-map{
    font-family: Arial, Helvetica, sans-serif;
    font-weight: bold;
    font-size: large;
    margin-bottom: 25px;
}

.search-bar{
    margin-left: 80px;
}
```

login.css

```
.login{
    color:#0094FF;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 2.5rem;
    font-weight: bold;
    text-align: center;
    padding: 10px;
}

.form-content{
    display: block;
    font-family: Arial, Helvetica, sans-serif;
    font-weight: 400;
    font-size: 1rem;
    margin-left: 35%;
    font-weight: bold;
}

.form-input{
    display: block;
    margin: auto;
    border-radius: 5px;
    border-color:#0094FF;
    height: 25px;
    width: 380px;
}

.sign-in-button{
    background-color:#0094FF ;
    color:#FFFFFF;
    border-radius: 15px;
    padding: 10px 40px;
    border-color: #FFFFFF;
    display: flex;
    margin: 10px auto;
    cursor: pointer;
}
```

```
.checkbox-content{
    width: 30px;
    height: 20px;
}

.no-account {
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    text-align: center;
    font-size: small;
}

.reset-link{
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    margin-left: 50%;
    margin-top: 20px;
}

.reset-link a{
    font-size: small;
}

.user-admin{
    text-decoration: none;
    display: flex;
    justify-content: center;
}

.user{
    text-decoration: none;
    font-family: Arial;
    padding: 20px 80px;
    margin-top: 10px;
    margin-bottom: 10px;
    display: inline;
    background-color: #0094FF;
    color: white;
}

.admin{
```

```
text-decoration: none;
font-family: Arial, Helvetica, sans-serif;
padding: 20px 80px;
margin-bottom: 10px;
margin-top: 10px;
display: inline;
color: #0094FF;
}
```

logout.css

```
.logoutbutton{
    text-decoration: none;
    text-align: center;
}

.logout{
    display: block;
    margin: auto;
}
```

reset.css

```
.reset_password{
    color:#0094FF;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 2.5rem;
    font-weight: bold;
    text-align: center;
    padding: 5px;
}

.continue-button{
    background-color:#0094FF ;
    color:#FFFFFF;
    border-radius: 15px;
    padding: 10px 40px;
    border-color: #FFFFFF;
    text-align: center;
    display: block;
    margin: auto;
```

```
}

.reset-content{
    width: 400px;
    text-align: center;
    font-family: Arial, Helvetica, sans-serif;
    display: block;
    margin: auto;
    font-size: medium;
}

.email-address-content{
    display: block;
    margin: 20px auto;
    height: 25px;
    width: 380px;
}
```

rewards.css

```
.points {
    display: block;
    justify-content: center;
    background-color: #bba14f;
    border-radius: 15px;
    padding: 10px 30px;
    width: 30%;
    margin: 20px auto;
    font-family: Arial, Helvetica, sans-serif;
}

.redeem-types{
    text-decoration: none;
    display: flex;
    justify-content: center;
}

.rewards{
    text-decoration: none;
    font-family: Arial;
```

```
padding: 20px 25%;  
margin-top: 10px;  
margin-bottom: 10px;  
display: inline;  
background-color: #0094FF;  
color: white;  
}  
  
.rewards_vouchers{  
text-decoration: none;  
font-family: Arial, Helvetica, sans-serif;  
padding: 20px 25%;  
margin-bottom: 10px;  
margin-top: 10px;  
display: inline;  
color: #0094FF;  
}  
  
.all-vouchers{  
display: flex;  
padding: 20px;  
justify-content: space-evenly;  
}  
  
.redeem-types{  
margin: auto;  
}  
  
img{  
display: block;  
}  
  
.all-vouchers input[type = submit] {  
background-color: #0094FF;  
border: none;  
text-decoration: none;  
color: white;  
padding: 10px 50px;  
margin: 10px 10px;  
cursor: pointer;
```

```
border-radius: 15px;
display: block;
margin: 10px auto;
}

.pizza{
background-color: beige;
}

.product-code-header{
font-family: Arial, Helvetica, sans-serif;
font-size: medium;
font-weight: bold;
display: block;
margin: 10px auto;
}

.voucher_code{
display: block;
margin-bottom: 10px;
}

.tier_benefits{
text-decoration: none;
text-align: center;
background-color: white;
color:#bba14f;
padding: 10px 10px;
border-radius: 10px;
}

.points-progress{
font-weight: bold;
}

.expiry-date{
font-family: Arial, Helvetica, sans-serif;
}
```

```
.expiry-date-content{  
    font-family: Arial, Helvetica, sans-serif;  
    text-align: center;  
    font-weight: bold;  
    padding-top: 20px;  
}
```

signup.css

```
.signup{  
    color:#0094FF;  
    font-family: Verdana, Geneva, Tahoma, sans-serif;  
    font-size: 2.5rem;  
    font-weight: bold;  
    text-align: center;  
    padding: 5px;  
}  
  
.account-info, .personal-info {  
    padding: 20px;  
    margin-left: auto;  
    margin-right: auto;  
    width: 100%;  
}  
  
.form-header {  
    font-size: 1.25rem;  
    font-family: Verdana, Geneva, Tahoma, sans-serif;  
    font-weight: bold;  
    text-align: center;  
}  
  
.sign-up-button{  
    background-color:#0094FF ;  
    color:#FFFFFF;  
    border-radius: 15px;  
    padding: 10px 40px;  
    border-color: #FFFFFF;  
    text-align: center;  
    display: flex;
```

```

justify-content: center;
margin: 15px auto;
}

.signup-box{
margin: auto;
}

.checkbox-content{
font-family: Verdana, Geneva, Tahoma, sans-serif;
margin: auto;
}

.checkbox-click{
margin: auto;
width: 50%;
padding: 0.5rem;
}

.form-input{
width: 200px;
}

```

C. JS

signup.js

```

function email_address() {
    var my_email = document.getElementById("email-address").value;
    my_email.trim();
    var regexp = /^[a-zA-Z][\w\.-]+@[a-zA-Z]+\.[a-zA-Z]{2,3}$/;
    if(regexp.test(my_email)){
        return true;
    }
    else{
        alert("The email you entered is not in the correct form. \n" +
        "The correct form is: " +
        "User Name @ Domain Name ");
        return false;
    }
}

```

```
}
```

```
function password(){
    var my_password = document.getElementById("password").value;
    my_password.trim();
    var regexp = /^[A-Za-z ,.\s?]+$/;
    if(regexp.test(my_password)){
        return true;
    }
    else{
        alert("Your password format is incorrect");
        return false;
    }
}
```

```
function retype_password(){
    var my_password = document.getElementById("password").value;
    var retype= document.getElementById("retype-password").value;

    if(retype==my_password){
        return true;
    }
    else{
        alert("Your password does not match");
        return false;
    }
}
```

```
function name(){
    var my_name = document.getElementById("name").value;
    my_name.trim();
    var regexp = /^[a-zA-Z][a-zA-Z.]{1,3}[a-zA-Z]{2,3}@[a-zA-Z]+\.[a-zA-Z]{2,4}$/;
    if(regexp.test(my_name)){
        return true;
    }
    else{
        alert("The email you entered is not in the correct form. \n" +
        "The correct form is: " +
        "User Name @ Domain Name ");
        return false;
    }
}
```

```
function contact_number(){
```

```

var my_contact = document.getElementById("contact-number").value;
my_contact.trim();
var regexp = /^[a-zA-Z][a-zA-Z]+\.[a-zA-Z]{2,3}$/;
if(regexp.test(my_contact)){
    return true;
}
else{
    alert("The email you entered is not in the correct form. \n" +
    "The correct form is: " +
    "User Name @ Domain Name ");
    return false;
}

```

checkform.js

```

function validateName(){
    var my_name = document.getElementById("name").value;
    my_name.trim();
    var regexp = /^[a-zA-Z ]+$/;
    if(regexp.test(my_name)){
        return true;
    }
    else{
        alert("The name you entered is not correct. Only use alphabets and space.")
        return false;
    }
}

function validateEmail(){
    var my_email = document.getElementById("email").value;
    my_email.trim();
    var regexp = /^[a-zA-Z][a-zA-Z]+\.[a-zA-Z]{2,3}$/;
    if(regexp.test(my_email)){
        return true;
    }
    else{
        alert("The email you entered is not in the correct form. \n" +
        "The correct form is: " +
        "User Name @ Domain Name ");
        return false;
    }
}

function validatecreditcard(){

```

```

var credit_card = document.getElementById("credit_card_number").value;
credit_card.trim();
var regexp_visa = /^4[0-9]{12}(?:[0-9]{3})?$/;
var regexp_mastercard = /^5[1-5][0-9]{14}$/;
var regexp_amex = /^3[47][0-9]{13}$/;
var regexp_discover = /^6(?:011|5[0-9]{2})[0-9]{12}$/;

if(regexp_visa.test(credit_card)){
    return true;
}
if(regexp_mastercard.test(credit_card)){
    return true;
}
if(regexp_amex.test(credit_card)){
    return true;
}
if(regexp_discover.test(credit_card)){
    return true;
}
else{
    alert("The credit card is not valid \n" +
    "Please enter a valid credit card");
    return false;
}

}

function validatecvv(){
    var cvv = document.getElementById("cvv").value;
    cvv.trim();
    var regexp = /^[0-9]{3}?$/;
    if(regexp.test(cvv)){
        return true;
    }
    else{
        alert("Invalid cvv, please enter 3 number " )
        return false;
    }
}

```

D. SQL

1) New User

create table user (

```

    id int unsigned not null auto_increment primary key,
    email_address char(50) not null,
    password char(50) not null,
    retype_password char(50) not null,
    name char(50) not null,
    contact char(50) not null
);

```

2) Admin

```

create table admin(
    id int unsigned not null auto_increment primary key,
    email_address char(50) not null,
    password char(50) not null,
);

```

3) Location

```

create table locations
(
    id int unsigned not null auto_increment primary key,
    location char(50) not null,
    address char(100) not null
);

```

4) Cart

```

create table cart (
    id int unsigned not null auto_increment primary key,
    name char(50) not null,
    description char(50),
    quantity int unsigned not null,
    price float(4, 2)
);

```

5) Create Tables and Price

```

DROP TABLE IF EXISTS prices;
CREATE TABLE IF NOT EXISTS prices
(
    id          TINYINT   UNSIGNED NOT NULL AUTO_INCREMENT,
    peperroni_pizza  DECIMAL(9,2) UNSIGNED NOT NULL,
    mushroom_pizza   DECIMAL(9,2) UNSIGNED NOT NULL,
    french_fries      DECIMAL(9,2) UNSIGNED NOT NULL,
    coleslaw        DECIMAL(9,2) UNSIGNED NOT NULL,
    green_tea         DECIMAL(9,2) UNSIGNED NOT NULL,
)

```

```
coke          DECIMAL(9,2) UNSIGNED NOT NULL,
```

```
PRIMARY KEY (id)
);
```

```
DROP TABLE IF EXISTS sales;
CREATE TABLE IF NOT EXISTS sales
(
```

```
    id          INT      UNSIGNED      NOT NULL AUTO_INCREMENT,
    peperroni_pizza  SMALLINT  UNSIGNED DEFAULT 0 NOT NULL,
    mushroom_pizza   SMALLINT  UNSIGNED DEFAULT 0 NOT NULL,
    french_fries     SMALLINT  UNSIGNED DEFAULT 0 NOT NULL,
    coleslaw         SMALLINT  UNSIGNED DEFAULT 0 NOT NULL,
    green_tea        SMALLINT  UNSIGNED DEFAULT 0 NOT NULL,
    coke            SMALLINT  UNSIGNED DEFAULT 0 NOT NULL,
    total           DECIMAL(9,2) UNSIGNED DEFAULT 0 NOT NULL,
```

```
PRIMARY KEY (id)
);
```

```
DROP TABLE IF EXISTS particulars;
CREATE TABLE IF NOT EXISTS particulars
(
```

```
    id          TINYINT  UNSIGNED NOT NULL AUTO_INCREMENT,
    name        VARCHAR(30),
    email       VARCHAR(30),
    credit_card_number  INT UNSIGNED DEFAULT 0 NOT NULL,
    cvv         SMALLINT UNSIGNED DEFAULT 0 NOT
NULL,
```

```
PRIMARY KEY (id)
);
```

```
INSERT INTO prices
VALUES
(1, 15.00, 20.00, 6.00, 4.00, 2.00, 2.00);
```

E. PHP

menu.php

```

<?php

//catalog.php
session_start();
if (!isset($_SESSION['cart'])){
    $_SESSION['cart'] = array();
}
if (isset($_GET['buy'])) {
    $_SESSION['cart'][] = $_GET['buy'];
    header('location: ' . $_SERVER['PHP_SELF'] . '?' . SID);
    exit();
}
if (isset($_GET['empty'])) {
    unset($_SESSION['cart']);
    header('location: ' . $_SERVER['PHP_SELF']);
    exit();
}

$db = new mysqli('localhost', 'root', '', 'connectus');

// Check connection
if ($db->connect_errno) {
    echo 'Error: Could not connect to database. Please try again later.';
    exit();
}

// Get the latest prices
$getPrices = 'SELECT * FROM prices';
$prices = $db->query($getPrices)->fetch_object();

$pepperoni_pizza_price = $prices->pepperoni_pizza;
$mushroom_pizza_price = $prices->mushroom_pizza;
$french_fries_price = $prices->french_fries;
$coleslaw_price = $prices->coleslaw;
$cola_price = $prices->coke;
$green_tea_price = $prices->green_tea;
?>

<!DOCTYPE html>

```

```

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="./img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="./CSS/main.css">
    <style> table{
        margin: auto; border:0px solid #000066; width: 400px;}</style>
    <script type="text/javascript" src="./JS/index.js"></script>
</head>

<body>
    <header>
        <!-- Navigation Bar -->
        <div class="nav-content">
            <li></li>
            <li><a class="nav-bar-content" href="index.html">Home</a></li>
            <li><a class="nav-bar-content" href="menu.php">Menu</a></li>
            <li><a class="nav-bar-content" href="rewards.html">Rewards</a></li>
            <li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
            <li class="login-block">
                <a href="login.html" id="login">
                    
                    Login</a>
                </li>
            <div>
        </header>

    </div>
    <?php
    $items = array(
        'Pepperoni Pizza',
        'Mushroom Pizza',
        'French Fries',

```

```

        'Coleslaw',
        'Cola',
        'Green Tea'
    );
$prices = array($pepperoni_pizza_price, $mushroom_pizza_price,
$french_fries_price, $coleslaw_price,$cola_price,$green_tea_price);
?>
<div id="bottom-column">

<table border = "0">
    <div class="main-menu-header">
        <div class="menu-header">Pizza</div>
        <div class="cart"><a class="view-cart" href=". /menu-page/cart.php">View Cart</a></div>
        <div class="cart-items"><?php echo count($_SESSION['cart']); ?></div>
    </div>
    <div>
        <tr>
            <div>
                <!--<th><strong>Pepperoni pizza</strong></th>-->
                <th width = "100px"><!-- https://unsplash.com/images/food/pizza-->
                <div><?php for ($i=0; $i<1; $i++) {
                    echo "<div class='menu-item'>".$items[$i]."<div>";
                    echo "<div class='price'>$" .number_format($prices[$i], 2). "</div>";
                    echo "</br>";
                    echo "<a class='add_button' href='". $_SERVER['PHP_SELF']. '?buy=' . $i . "'>Add to Cart</a>";
                } ?></div>
                </div>
                <th width = "100px"><!-- https://www.freepik.com/free-photos-vectors/pizza-top-view-->
                <div><?php for ($i=1; $i<2; $i++) {
                    echo "<div class='menu-item'>".$items[$i]."</div>";
                    echo "<div class='price'>$" .number_format($prices[$i], 2). "</div>";
                    echo "</br>";
                } ?></div>
            </div>
        </tr>
    </table>

```

```

        echo "<a class='add_button' href='".$SERVER['PHP_SELF']. '?buy=' . $i.
"'>Add to Cart</a>";
    } ?></div>
    </tr>
</table>






```

```

echo "<div class='menu-item'>".$items[$i]."</div>";
echo "<div class='price'>$" .number_format($prices[$i], 2). "</div>";
echo "<br>";
echo "<a class='add_button' href='".$SERVER['PHP_SELF']. '?buy=' . $i.
"'>Add to cart</a>";
} ?></div>
<th><img src='./img/green_tea.jpg' width="160px" height="160px"
alt="greentea"><!--https://www.pokka.co/our-products/product-
detail?cat=tea&subcat=green-tea-->
<div><?php for ($i=5; $i<6; $i++) {
echo "<div class='menu-item'>".$items[$i]."</div>";
echo "<div class='price'>$" .number_format($prices[$i], 2). "</div>";
echo "<br>";
echo "<a class='add_button' href='".$SERVER['PHP_SELF']. '?buy=' . $i.
"'>Add to cart</a>";
} ?></div>
</tr>
</table>
</div>

<div class="menu-header" height="30px"></div>
<footer>
<div class="footer">
<div class="footer-div">

<div class="footer-info">
<span class="footer-info-top">Connectus Pizza
Singapore</span><br>
<span class="footer-info-bottom">6362 8890</span>
</div>
</div>

<div class="footer-table">
<table class="footer-table">
<tr>
<td style="width:10%" class="table-
header">Company</td>
<td style="width:10%" class="table-
header">Help</td>

```

```

        <td style="width:10%" class="table-
header">Social</td>
    </tr>
    <tr>
        <td>Join Us</td>
        <td>FAQ</td>
        <td>Facebook</td>
    </tr>
    <tr>
        <td>About Us</td>
        <td></td>
        <td>Instagram</td>
    </tr>
    <tr>
        <td>Contact </td>
        <td></td>
        <td>Youtube</td>
    </tr>
    <tr>
        <td></td>
        <td></td>
        <td>TikTok</td>
    </tr>
</table>
</div>
</div>
</body>
</html>

```

admin_menu.php

```

<?php //catalog.php

$db = new mysqli('localhost', 'root', '', 'connectus');

// Check connection
if ($db->connect_errno) {
    echo 'Error: Could not connect to database. Please try again later.';
    exit();
}

```

```

}

if (isset($_POST['submit'])) {
    $new_pepperoni_pizza_price =
floatval($_POST['pepperoni_pizza']);
    $new_mushroom_pizza_price =
floatval($_POST['mushroom_pizza']);
    $new_french_fries_price = floatval($_POST['french_fries']);
    $new_coleslaw_price = floatval($_POST['coleslaw']);
    $new_coke_price = floatval($_POST['coke']);
    $new_greentea_price = floatval($_POST['green_tea']);

    $update_price = 'UPDATE prices
        SET pepperoni_pizza = ' . $new_pepperoni_pizza_price . ',
mushroom_pizza = ' . $new_mushroom_pizza_price . ',
        french_fries = ' . $new_french_fries_price . ', coleslaw = ' .
$new_coleslaw_price . ,
        coke = ' . $new_coke_price . ', green_tea = ' .
$new_greentea_price .
        WHERE id = 1';
    $db->query($update_price);
}

// Get the latest prices
$getPrices = 'SELECT * FROM prices';
$prices = $db->query($getPrices)->fetch_object();
$pepperoni_pizza_price= $prices->pepperoni_pizza;
$mushroom_pizza_price= $prices->mushroom_pizza;
$french_fries_price= $prices->french_fries;
$coleslaw_price= $prices->coleslaw;
$coke_price= $prices->coke;
$green_tea_price= $prices->green_tea;

?>

<!DOCTYPE html>

<html>

```

```

<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="../img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="../CSS/main.css">
    <style>table{margin: auto; border:0px solid #000066; width:400px;}</style>
    <script type="text/javascript" src="../JS/index.js"></script>
</head>

<body>
    <header>
        <!-- Navigation Bar -->
        <div class="nav-content">
            <li></li>
            <li><a href="#">Home</a></li>
                <li><a href="#">Menu</a></li>
                    <li><a href="#">Rewards</a></li>
                        <li><a class="nav-bar-content" href="#">Locate Us</a></li>
                            <li>
                                <a href="#">Login</a>
                                
                                    Login</a>
                            </li>
                </div>
            </li>
        </header>
    </div>
    <div id="bottom-column">
        <form id="update-prices" action="#">action=<?=$
htmlspecialchars($_SERVER['PHP_SELF']); ?>" method="POST">
        <table border = "0">

```

```

<h2 class="menu-header">Pizza</h2>
<tr>
    <!--<th><strong>Pepperoni pizza</strong></th>-->
    <th width = "100px"><!--https://unsplash.com/images/food/pizza-->
    <div class='menu-item'><p><strong>Pepperoni Pizza</strong></p></div>
    <p><input class="update-value" type="text" name="pepperoni_pizza" size=2 value="<?= $prices->pepperoni_pizza ?>">
        <th width = "100px"><!--https://www.freepik.com/free-photos-vectors/pizza-top-view-->
        <div class='menu-item'><p><strong>Mushroom Pizza</strong></p></div>
        <p><input class="update-value" type="text" name="mushroom_pizza" size=2 value="<?= $mushroom_pizza_price ?>">
    </p>
</tr>
</table>
<table border = "0">
    <h2 class="menu-header">Side Dishes</h2>
    <tr>
        <th><!--https://recipes.timesofindia.com/recipes/french-fries/rs54659021.cms-->
        <div class='menu-item'><p><strong>French Fries</strong></p></div>
        <p><input class="update-value" type="text" name="french_fries" size=2 value="<?= $french_fries_price ?>">
    </p>
        <th><!--https://www.inspiredtaste.net/26522/coleslaw-recipe-->
        <div class='menu-item'><p><strong>Coleslaw</strong></p></div>
        <p><input class="update-value" type="text" name="coleslaw" size=2 value="<?= $coleslaw_price ?>">
    </p>
</tr>
</table>

```

```





```

```

        </div>

        <table width=30% class="footer-table">
            <tr>
                <td class="header">Company</td>
                <td class="header">Help</td>
                <td class="header">Follow Us</td>
            </tr>
            <tr>
                <td>Join Us</td>
                <td>FAQ</td>
                <td>Facebook</td>
            </tr>
            <tr>
                <td>About Us</td>
                <td></td>
                <td>Instagram</td>
            </tr>
            <tr>
                <td>Contact Us</td>
                <td></td>
                <td>Youtube</td>
            </tr>
            <tr>
                <td></td>
                <td></td>
                <td>TikTok</td>
            </tr>
        </table>
    </div>
</footer>

</div>
</body>
</html>

```

cart.php

```

<?php //catalog.php
session_start();
if (!isset($_SESSION['cart'])) {

```

```

$_SESSION['cart'] = array();
}

if (isset($_GET['buy'])) {
    $_SESSION['cart'][] = $_GET['buy'];
    header('location: ' . $_SERVER['PHP_SELF'] . '?' . SID);
    exit();
}

if (isset($_GET['empty'])) {
    unset($_SESSION['cart']);
    header('location: ' . $_SERVER['PHP_SELF']);
    exit();
}

$db = new mysqli('localhost', 'root', '', 'connectus');

// Check connection
if ($db->connect_errno) {
    echo 'Error: Could not connect to database. Please try again later.';
    exit();

    $query_name = "select name from user where email_address='valid_user' and password='valid_password'";
    $name_result = $db->query($query_name);
    $name_array = mysqli_fetch_array($name_result);

}

// Get the latest prices
$getPrices = 'SELECT * FROM prices';
$prices = $db->query($getPrices)->fetch_object();
$pepperoni_pizza_price= $prices->pepperoni_pizza;
$mushroom_pizza_price= $prices->mushroom_pizza;
$french_fries_price= $prices->french_fries;
$coleslaw_price= $prices->coleslaw;
$cola_price= $prices->coke;
$green_tea_price= $prices->green_tea;

$db->close();
?>

```

```

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="./img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="../CSS/main.css">
    <link rel="stylesheet" href="../CSS/cart.css">
    <style>table{margin: 0px; width:80%; margin-left: auto;
    margin-right: auto;}</style>
    <script type="text/javascript" src="../JS/index.js"></script>
</head>
<header>
    <!-- Navigation Bar -->
    <div class="nav-content">
        <li></li>
        <li><a href="#">Home</a></li>
        <li><a href="#">Menu</a></li>
        <li><a href="#">Rewards</a></li>
        <li><a class="nav-bar-content" href="#">Locate
Us</a></li>
        <li class="login-block">
            <a href="#">Login</a>
            <div class="dropdown">
                <div class="dropdown-content">
                    <a href="#">My Cart</a>
                    <a href="#">My Vouchers</a>
                    <a href="#">My History</a>
                    <?php
                        echo '<a href="logout.php">Log Out</a>';
                    ?>
                </div>
            </div>
        </li>
    </div>
</header>

```

```

        </div>
    </li>
<div>
</header>

<body>
<h1 class="shopping">Your Shopping Cart </h1>
<?php
$items = array(
    'Pepperoni Pizza',
    'Mushroom Pizza',
    'French Fries',
    'Coleslaw',
    'Cola',
    'Green Tea'
);
$prices = array($pepperoni_pizza_price, $mushroom_pizza_price,
$french_fries_price, $coleslaw_price,$cola_price,$green_tea_price);
?>


| Item                                                                                                                                                                                                                                                                     | Item Description | Price |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------|
| <?php<br>\$total = 0;<br>for (\$i=0; \$i < count(\$_SESSION['cart']); \$i++){<br>\$j = \$i + 1;<br>echo "<tr>";<br>echo "<td align='center'>\$j</td>";<br>echo "<td align='center'>" . \$items[\$_SESSION['cart'][\$i]]. "</td>";<br>echo "<td align='center'>\$";<br>}> |                  |       |


```

```

echo number_format($prices[$_SESSION['cart'][$i]], 2) . "</td>";
echo "</tr>";
$total = $total + $prices[$_SESSION['cart'][$i]];
}
?>
</tbody>
<tfoot>
<tr>
    <th align='right'></th>
    <th align='right'>Total</th><br>
    <th align='center'>$<?php echo number_format($total, 2); ?>
    </th>
</tr>
</tfoot>
</table>
<div class="next-step">
    <a class="next-step-content" href=".menu.php">Continue Shopping</a> or
    <a class="next-step-content" href="<?php echo $_SERVER['PHP_SELF']; ?>?empty=1">Empty Your Cart</a> or
    <a class="next-step-content" href=".payment.php">Order Now</a>
</div>
</form>
</body>
</html>

```

customize.php

```

<?php
$reportType = $_GET['reportType'];

?>

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="..img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```

<link rel="stylesheet" href="../CSS/main.css">
<style></style>
<script type="text/javascript" src="../JS/menu.js"></script>
</head>

<body>
<header>

    <!-- Navigation Bar -->
    <nav class="nav-bar">
        <!-- <ul class="nav"> -->
        <span>
            
        </span>
        <span class="nav-content">
            <li><a
                href="../index.html">Home</a></li>
            <li><a
                href="../menu.html">Menu</a></li>
            <li><a
                href="../rewards.html">Rewards</a></li>
            <li><a
                href="../locate.html">Locate Us</a></li>
            <span>
                <!-- <ul> -->
            </span>
        </span>
    </nav>

    <!-- Login -->
    <div id='login-button'>
        <img src="">
        <span id="login">Login</span>
    </div>

    <!-- Order Now -->
    <div id='order-now-button'>
        <img src="">
        <span id="order-now">Order Now</span>
    </div>

```

```

</header>
</div>

<div id="bottom-column">
    <h2>Customise Pizza</h2>
    <h3>Name of pizza</h3>
    <h3>Select Size and crust</h3>
    <div>
        <p><strong>Size</strong></p>
        <label for="size_option">Please select a size</label>
        <br>
        <select name="size_pizza">
            <option value="small">12-inch (Small)</option>
            <option value="medium">14-inch (Medium)</option>
            <option value="large">16-inch (Large)</option>
        </select>
    </div>
    <div>
        <p><strong>Crust</strong></p>
        <label for="crust_option">Please select a crust</label>
        <br>
        <select name="crust_pizza">
            <option value="doughy">Doughy</option>
            <option value="crispy">Crispy</option>
            <option value="thin">Thin</option>
        </select>
    </div>
    <div>
        <p><strong>Extra Cheese?</strong></p>
        <select name="cheese_pizza">
            <option value="cheese_yes">Yes</option>
            <option value="cheese_no">No</option>
        </select>
    </div>
    <div>
        <p><strong>Quantity</strong></p>
        <input class="qty" type="number" min="0" value="0"
name="quantity_pizza" id="quantity_pizza"></p>
        <p><strong>Total</strong></p>
    </div>
</div>

```

```

        </div>
    </div>

<footer>
    <div id="footer">
        <span>
            
            <span>Connectus Pizza Singapore</span>
            <span>6362 8890</span>
        </span>

        <table class="further-info">
            <tr>
                <td class="header">Company</td>
                <td class="header">Help</td>
                <td class="header">Follow Us</td>
            </tr>
            <tr>
                <td>Join Us</td>
                <td>FAQ</td>
                <td>Facebook</td>
            </tr>
            <tr>
                <td>About Us</td>
                <td></td>
                <td>Instagram</td>
            </tr>
            <tr>
                <td>Contact Us</td>
                <td></td>
                <td>Youtube</td>
            </tr>
            <tr>
                <td></td>
                <td></td>
                <td>TikTok</td>
            </tr>
        </table>
    </div>

```

```
</footer>

</div>
</body>
</html>
```

order-successful.php

```
<?php //payment.php
session_start();
if (!isset($_SESSION['cart'])){
    $_SESSION['cart'] = array();
}

if (isset($_GET['empty'])) {
    unset($_SESSION['cart']);
    header('location: ' . $_SERVER['PHP_SELF']);
    exit();
}

?>
<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href=".//img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="..//CSS/main.css">
    <link rel="stylesheet" href="..//CSS/cart.css">
    <style>table{margin: 0px; border:0px solid #000066; width:80%; margin-left: auto;
        margin-right: auto;}
        td{padding: 20px;}</style>
    <script type="text/javascript" src=".//checkform.js"></script>
</head>
<header>
    <!-- Navigation Bar -->
    <div class="nav-content">
        <li></li>
        <li><a href="..//index.html">Home</a></li>
        <li><a href="#">Cart</a></li>
        <li><a href="#">Logout</a></li>
    </div>
</header>
<body>
    <div class="content">
        <h1>Your Order is successful!</h1>
        <p>Thank you for your purchase. Your order will be shipped shortly.</p>
        <p>You can view your order history by clicking on the <a href="#">Cart</a> link in the navigation bar above.</p>
        <p>If you have any questions or concerns, please don't hesitate to contact us at <a href="#">support@connectus.com</a>.</p>
    </div>
</body>
```

```

        <li><a class="nav-bar-content"
Menu</a></li>
        <li><a class="nav-bar-content"
Rewards</a></li>
        <li><a class="nav-bar-content" href="#">Locate Us</a></li>
        <li class="login-block">
            <a href="login.html" id="login">
                
                Login</a>
            </li>
        </div>
    </header>
<body>
<h1 class="shopping">Order Successful </h1>

<div class="booking-summary">
    <p class="booking-summary-content">Your booking reference is
LA0417 <br>
    Please wait for around 20-30 minutes <br>
    Enjoy !<p>
</div>

<div class="view-my-order"><a href="#">View My Order</a></div>
<div class="back-to-home"><a class="back-to-home-content"
Back to Home</a></div>

</body>
</html>

```

payment.php

```

<?php //catalog.php
session_start();
if (!isset($_SESSION['cart'])){
    $_SESSION['cart'] = array();
}
if (isset($_GET['buy'])) {
    $_SESSION['cart'][] = $_GET['buy'];
}

```

```

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

    if (isset($_GET['empty'])) {
        unset($_SESSION['cart']);
        header('location: ' . $_SERVER['PHP_SELF']);
        exit();
    }
    $db = new mysqli('localhost', 'root', '', 'connectus');

    // Check connection
    if ($db->connect_errno) {
        echo 'Error: Could not connect to database. Please try again later.';
        exit();
    }

    // Get the latest prices
    $getPrices = 'SELECT * FROM prices';
    $prices = $db->query($getPrices)->fetch_object();
    $pepperoni_pizza_price= $prices->pepperoni_pizza;
    $mushroom_pizza_price= $prices->mushroom_pizza;
    $french_fries_price= $prices->french_fries;
    $coleslaw_price= $prices->coleslaw;
    $cola_price= $prices->coke;
    $green_tea_price= $prices->green_tea;

    $db->close();
?>
<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href=".//img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="..//CSS/main.css">
    <link rel="stylesheet" href="..//CSS/cart.css">
    <style>table{margin: 0px; border:0px solid #000066; width:80%; margin-left: auto; margin-right: auto;}</style>

```

```

        td{padding: 20px;}</style>
        <script type="text/javascript" src="./checkform.js"></script>
</head>
<header>
    <!-- Navigation Bar -->
    <div class="nav-content">
        <li></li>
        <li><a href="#">Home</a></li>
            <li><a href="#">Menu</a></li>
            <li><a href="#">Rewards</a></li>
                <li><a class="nav-bar-content" href="#">Locate Us</a></li>
                    <li class="login-block">
                        <a href="login.html" id="login">
                            
                            Login</a>
                    </li>
                <div>
</header>

<h1 class="shopping">Payment Details</h1>

<form action="order-successful.php" method="POST">
<table class="payment-table" style = "width:40%">
    <tr>
        <td>Name</td>
        <td><input type="text" class="payment-details" name="name" id="name" maxlength="13" size="15" onchange="validateName()" required></td>
    </tr>
    <tr>
        <td>Email</td>
        <td><input type="text" class="payment-details" name="email" id="email" maxlength="50" size="15" onchange="validateEmail()" required></td>
    </tr>

```

```

<tr>
    <td>Credit Card Number</td>
    <td>      <input type="text" class="payment-details" name="credit_card_number" id="credit_card_number" maxlength="30" size="30" onchange="validatecreditcard()" required></td>
</tr>
<tr>
    <td>CVV</td>
    <td> <input type="text" class="payment-details" name="cvv" id="cvv" maxlength="60" size="15" onchange="validatecreditcard()" required></td>
</tr>
</table>

<?php
$db = new mysqli('localhost', 'root', '', 'connectus');

// Check connection
if ($db->connect_errno) {
    echo 'Error: Could not connect to database. Please try again later.';
    exit();
}

// This is to connect to connectus_1 -> sales
if (isset($_POST['submit'])){

    $pepperoni_pizza = 0;
    $mushroom_pizza = 0;
    $french_fries = 0;
    $coleslaw = 0;
    $green_tea = 0;
    $coke = 0;

    for ($i=0; $i < count($_SESSION['cart']); $i++){
        if(($items[$_SESSION['cart'][$i]])==('Pepperoni Pizza')){
            $pepperoni_pizza++;
        }
        elseif(($items[$_SESSION['cart'][$i]])==('Mushroom Pizza')){
            $mushroom_pizza++;
        }
        elseif(($items[$_SESSION['cart'][$i]])==('French Fries')){
            $french_fries++;
        }
        elseif(($items[$_SESSION['cart'][$i]])==('Coleslaw')){
```

```

        $coleslaw++;
    }

    elseif(($items[$_SESSION['cart'][$i]]=='Green Tea')){
        $green_tea++;
    }

    elseif(($items[$_SESSION['cart'][$i]]=='Cola')){
        $coke++;
    }

    if ($i == ((count($_SESSION['cart']))-1)){
        $query = "INSERT INTO sales(id, peperroni_pizza , mushroom_pizza,french_fries, coleslaw, green_tea, coke, total) VALUES ('whatever',?,?,?,?,?,?)";
        $stmt = $db->prepare($query);
        $stmt->bind_param("iiiiiii",$pepperoni_pizza,$mushroom_pizza,$french_fries,$coleslaw,$green_tea,$coke, $total);
        $stmt->execute();
    }
}

//send customer particular to database particulars
$name = $_POST['name'];
$email=$_POST['email'];
$credit_card_number = $_POST['credit_card_number'];
$cvv = $_POST['cvv'];
$query_2 = "INSERT INTO particulars(id, name, email, credit_card_number, cvv) VALUES('whatever',?,?,?,?)";
$stmt = $db->prepare($query_2);
$stmt->bind_param("ssii",$name,$email, $credit_card_number,$cvv);
$stmt->execute();

// $query_3 = "SELECT * FROM sales WHERE id = (SELECT MAX(id) FROM sales)";
// $id = $db->query($query_3)->insert_id;
// $id = mysqli_insert_id($db);
// $to      = 'f32ee@localhost';
// $subject = 'Successful order from Connect us';

```

```

        $message = "Good day, Your order is sucessful! Booking reference is
{$id}.Your food will arrive in 20-30 minutes. Thank you for the continued
support!" ;
$headers = 'From: f32ee@localhost' . "\r\n" .
'Reply-To: f32ee@localhost' . "\r\n" .
'X-Mailer: PHP/' . phpversion();

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

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

$db->close();

?>

<div class="next-step">
    <div class="next-step-content">
        <a href="php echo $_SERVER['PHP_SELF']; ?&gt;?empty=1"&gt;Cancel
Order&lt;/a&gt;
    &lt;/div&gt;
    &lt;!--&lt;a href=". /order-successful.php"&gt;&lt;button type='submit'
name='submit' onclick="myfunction()" id='submit'&gt;Submit Order&lt;/button&gt;&lt;/a&gt;
--&gt;
    &lt;div class="next-step-content"&gt;
        &lt;input class="next-step-content" type='submit' value="Proceed
Payment"&gt;&lt;/p&gt;
    &lt;/div&gt;
&lt;/div&gt;
&lt;/form&gt;
&lt;/body&gt;
&lt;/html&gt;
</pre

```

authmain.php

```

<?php

@$db = new mysqli('localhost','root','','connectus');

```

```

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

session_start();

if (isset($_POST['email_address']) && isset($_POST['password'])) {
    $email_address = $_POST['email_address'];
    $password = $_POST['password'];

    $password = md5($password);
    $query= "select * from user where email_address='$email_address' and password='$password'";
    $result = $db->query($query);

    if($result->num_rows>0) {
        $_SESSION['valid_user'] = $email_address;
        $_SESSION['valid_password'] = $password;
    }

    $query_name      =      "select      name      from      user      where
email_address='$email_address' and password='$password'";
    $name_result = $db->query($query_name);
    $name_array = mysqli_fetch_array($name_result);

    $db->close();
}
?>

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="./img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="../CSS/main.css">
    <script type="text/javascript" src="../JS/index.js"></script>

```

```

</head>

<body>
    <header>
        <!-- Navigation Bar -->
        <div class="nav-content">
            <li></li>
            <li><a href="#">Home</a></li>
                <li><a href="#">Menu</a></li>
                    <li><a href="#">Rewards</a></li>
                        <li><a class="nav-bar-content" href="#">Locate Us</a></li>
                            <li class="login-block">
                                <div class="dropdown">
                                    <?php
                                        echo "<a href='../login.html' id='login' class='dropbtn'>";
                                        echo "<img class='user-icon' src='../img/user-icon.png' height='20px' width='20px'>";
                                        $name_array[0]</a>";
                                    ?>
                                    <div class="dropdown-content">
                                        <a href="#">My Cart</a>
                                        <a href="#">My Vouchers</a>
                                        <a href="#">My Orders</a>
                                        <?php
                                            echo '<a href="logout.php">Log Out</a>';
                                        ?>
                                    </div>
                                </div>
                            </li>
                        </div>
                    </li>
                </div>
            </li>
        </header>

        <?php
            if (isset($_SESSION['valid_user'])) {

```

```

echo '<div>';
echo '';
echo '</div>';

echo '<div id="bottom-column">';
echo '<div id="container">';
echo '';
echo '<p class="content-txt">Modern day Pizzas were invented in a city called Naples located in Italy. These delicious food were initially consumed by the poors in';
echo 'the region of Naples. Long flatbread topped off with inexpensive garnishes such as tomato, cheese, oil, etc. These pizzas was sold by food vendors';
echo 'which was meant to be eaten quickly and without fuss. Today Pizzas are found in all corner of the world.</p>';
echo '<h1 class="content-intro">History</h1>';
echo '</div>';

echo '<div id="container">';
echo '<h1 class="content-intro">History of restuarant</h1>';
echo '<p class="content-txt">Connectus is an American multinational restaurant chain and international franchise founded in 1958 in Wichita, Kansas by Dan and Frank Carney. They serve their signature pan pizza and other dishes including pasta, breadsticks and dessert at dine-in, take-out and delivery chain locations. They also serve chicken wings on their WingStreet menu.';
echo 'The chain headquartered in Plano, Texas</p>';
echo '';
echo '</div>';

echo '<div id="container">';
echo '';
echo '<p class="content-txt">Our chefs, Chef Leonardo, have been trained in many italian restaurant all around the world. With 40 years of experience, he has been overlooking the process';
echo 'of every single pizza coming out of our kitchen. From handpicking only the very fresh ingridents to temperature of the stove, Chef Leonardo is involved in every';

```

```

echo 'step to ensure only the freshest and tasiest pizza comes to your
table!</p>';
echo '<h1 class="content-intro">Our Chefs</h1>';
echo '</div>';
echo '</div>';
}

else{
if (isset($email_address))
{
    echo '<p class="login-fail"> Could not log you in.<br>Please
make sure you entered the correct email and password</p>';
    echo '<a class="login-fail-return" href="../login.html">Back to
Login Page</a>';
}
else
{
    echo 'You are not logged in.';
}
}

?>

<footer>
<div class="footer">
    <div class="footer-div">
        
        <div class="footer-info">
            <span class="footer-info-top">Connectus Pizza
Singapore</span><br>
            <span class="footer-info-bottom">6362 8890</span>
        </div>
    </div>

    <div class="footer-table">
        <table class="footer-table">
            <tr>
                <td style="width:10%" class="table-
header">Company</td>

```

```

                <td style="width:10%" class="table-
header">Help</td>
                <td style="width:10%" class="table-
header">Social</td>
            </tr>
            <tr>
                <td>Join Us</td>
                <td>FAQ</td>
                <td>Facebook</td>
            </tr>
            <tr>
                <td>About Us</td>
                <td></td>
                <td>Instagram</td>
            </tr>
            <tr>
                <td>Contact </td>
                <td></td>
                <td>Youtube</td>
            </tr>
            <tr>
                <td></td>
                <td></td>
                <td>TikTok</td>
            </tr>
        </table>
    </div>
</div>
</footer>

</div>
</body>
</html>

```

authmain-admin.php

```

<?php

@$db = new mysqli('localhost','root','','connectus');

if(mysqli_connect_errno()) {

```

```

echo 'Error: Could not connect to database. Please try again later.';
exit;
}

session_start();

if (isset($_POST['email_address']) && isset($_POST['password'])) {
    $email_address = $_POST['email_address'];
    $password = $_POST['password'];

    $query= "select * from admin where email_address='$email_address' and
password='$password'";
    $result = $db->query($query);

    if($result->num_rows>0) {
        $_SESSION['valid_user'] = $email_address;
    }

    $db->close();
}
?>

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="./img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="../CSS/main.css">
    <script type="text/javascript" src="../JS/index.js"></script>
</head>

<body>
    <header>
        <!-- Navigation Bar -->
        <div class="nav-content">
            <li></li>

```

```

<li><a href="#">../index.html">Home</a></li>
<li><a href="#">../menu.php">Menu</a></li>
<li><a href="#">../rewards.html">Rewards</a></li>
<li><a class="nav-bar-content" href="#">../locate.html../menu-page/admin_menu.php../img/main-pizza.jfif" width="100%" height="10%">';
echo '</div>';

echo '<div id="bottom-column">';
echo '<div id="container">';


```

```

echo '';
echo '<p class="content-txt">Modern day Pizzas were invented in a city
called Naples located in Italy. These delicious food were initially consumed
by the poors in';
echo 'the region of Naples. Long flatbread topped off with inexpensive
garnishes such as tomato, cheese, oil, etc. These pizzas was sold by food
vendors';
echo 'which was meant to be eaten quickly and without fuss. Today Pizzas
are found in all corner of the world.</p>';
echo '<h1 class="content-intro">History</h1>';
echo '</div>';

echo '<div id="container">';
echo '<h1 class="content-intro">History of restuarant</h1>';
echo '<p class="content-txt">Connectus is an American multinational
restaurant chain and international franchise founded in 1958 in Wichita,
Kansas by Dan and Frank Carney. They serve their signature pan pizza and
other dishes including pasta, breadsticks and dessert at dine-in, take-out
and delivery chain locations. They also serve chicken wings on their
WingStreet menu.';
echo 'The chain headquartered in Plano, Texas</p>';
echo '';
echo '</div>';

echo '<div id="container">';
echo '';
echo '<p class="content-txt">Our chefs, Chef Leonardo, have been trained in
many italian restaurant all around the world. With 40 years of experience,
he has been overlooking the process';
echo 'of every single pizza coming out of our kitchen. From handpicking only
the very fresh ingridents to temperature of the stove, Chef Leonardo is
involved in every';
echo 'step to ensure only the freshest and tasiest pizza comes to your
table!</p>';
echo '<h1 class="content-intro">Our Chefs</h1>';
echo '</div>';
echo '</div>';

}

```

```

else{
    if (isset($email_address))
    {
        echo '<p class="login-fail"> Could not log you in.<br>Please
make sure you entered the correct email and password</p>';
        echo '<a class="login-fail-return" href="../login.html">Back to
Login Page</a>';
    }
    else
    {
        echo 'You are not logged in.';
    }
}
?>

<footer>
    <div class="footer">
        <div class="footer-div">
            
            <div class="footer-info">
                <span class="footer-info-top">Connectus Pizza
Singapore</span><br>
                <span class="footer-info-bottom">6362 8890</span>
            </div>
        </div>

        <div class="footer-table">
            <table class="footer-table">
                <tr>
                    <td style="width:10%" class="table-
header">Company</td>
                    <td style="width:10%" class="table-
header">Help</td>
                    <td style="width:10%" class="table-
header">Social</td>
                </tr>
                <tr>
                    <td>Join Us</td>
                    <td>FAQ</td>
                </tr>
            </table>
        </div>
    </div>

```

```

                <td>Facebook</td>
            </tr>
            <tr>
                <td>About Us</td>
                <td></td>
                <td>Instagram</td>
            </tr>
            <tr>
                <td>Contact </td>
                <td></td>
                <td>Youtube</td>
            </tr>
            <tr>
                <td></td>
                <td></td>
                <td>TikTok</td>
            </tr>
        </table>
    </div>
</div>
</footer>

</div>
</body>
</html>

```

location.php

```

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="../img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="../CSS/main.css">
    <link rel="stylesheet" href="../CSS/locate.css">
    <script type="text/javascript" src="../JS/index.js"></script>
</head>

```

```

<body>
    <header>
        <!-- Navigation Bar -->
        <div class="nav-content">
            <li></li>
            <li><a href="#">Home</a></li>
            <li><a href="#">Menu</a></li>
            <li><a href="#">Rewards</a></li>
            <li><a class="nav-bar-content" href="#">Locate Us</a></li>
            <li>
                <a href="#">Login</a>
                
                Login</a>
            </li>
        </div>
    </header>

    <!-- side-navigation-bar -->

    <div class="flex-container">
        <div class="locations">
            <ul>
                <li><a href="#">Jurong East</a></li>
                <li><a href="#">Jurong West</a></li>
                <li><a href="#">Tampines</a></li>
                <li><a href="#">Changi</a></li>
                <li><a href="#">Redhill</a></li>
                <li><a href="#">Boon Lay</a></li>
                <li><a href="#">Joo Koon</a></li>
                <li><a href="#">Tanjong Pagar</a></li>
                <li><a href="#">Kranji</a></li>
                <li><a href="#">Holland Village</a></li>
            </ul>
        </div>
    </div>

```

```

<div class="search-bar">
    <div class="find-me">Find Pizza Near Me</div>

    <form action=".php/location.php" method="post">
        <input class="search-location" name="location" type="text"
id="textbox" size="40" placeholder="Search by Postal Code or Street Name"
height="100px">
        <input class="submit-search-location" type="submit"
name="submit" value="Search" height="100px">
    </form>

    <!-- php -->
    <?php
        $location = $_POST['location'];

        @$db = new mysqli ('localhost','root','','connectus');

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

        $query      =      "SELECT      address      FROM      locations      WHERE
'$location'=locations.location";

        $results = $db->query($query);
        $row = mysqli_fetch_array($results);

        if ($row[0] !=null){
            echo"<p class='location-address'>$row[0]</p>";}

        else{
            echo"<p class='location-address'>No location found</p>"}

        $db->close();
    ?>
</div>

<div class="map">

```

```

        <div class="view-map">View Map</div>
        <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3988.7136383779
975!2d103.68094601329543!3d1.3483098990166276!2m3!1f0!2f0!3f0!3m2!1i1024!2
i768!4f13.1!3m3!1m2!1s0x31da0f0a99014463%3A0xb8bb0800c52d8219!2sNanyang%20
Technological%20University!5e0!3m2!1sen!2ssg!4v1665564415608!5m2!1sen!2ssg
"      width="300"      height="150"      style="border:0;"      allowfullscreen=""
loading="lazy" referrerpolicy="no-referrer-when-downgrade"></iframe>
    </div>
</div>

</div>

<footer>
    <div class="footer">
        <div class="footer-div">
            
            <div class="footer-info">
                <span      class="footer-info-top">Connectus      Pizza
Singapore</span><br>
                <span class="footer-info-bottom">6362 8890</span>
            </div>
        </div>
    </div>

    <div class="footer-table">
        <table class="footer-table">
            <tr>
                <td      style="width:10%"      class="table-
header">Company</td>
                <td      style="width:10%"      class="table-
header">Help</td>
                <td      style="width:10%"      class="table-
header">Social</td>
            </tr>
            <tr>
                <td>Join Us</td>
                <td>FAQ</td>
                <td>Facebook</td>
            </tr>
        </table>
    </div>
</footer>

```

```

        <tr>
            <td>About Us</td>
            <td></td>
            <td>Instagram</td>
        </tr>
        <tr>
            <td>Contact </td>
            <td></td>
            <td>Youtube</td>
        </tr>
        <tr>
            <td></td>
            <td></td>
            <td>TikTok</td>
        </tr>
    </table>
</div>
</div>
</footer>
</body>
</html>

```

logout.php

```

<?php
session_start();

$old_user = $_SESSION['valid_user'];
unset($_SESSION['valid_user']);
session_destroy();
?>

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="../img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href=".../CSS/main.css">

```

```

<script type="text/javascript" src="../JS/index.js"></script>
</head>

<body>
    <header>
        <!-- Navigation Bar -->
        <div class="nav-content">
            <li></li>
            <li><a href="#">Home</a></li>
            <li><a href="#">Menu</a></li>
            <li><a href="#">Rewards</a></li>
            <li><a class="nav-bar-content" href="#">Locate Us</a></li>
            <li class="login-block">
                <a href="#">Login</a>
            </li>
        </div>
    </header>

    <h1 class="log-out">Log Out</h1>

    <?php
    if (!empty($old_user)) {
        echo '<div class="log-out-msg">Thank you for using Connectus<br/>We hope to see you again</div>';
        echo '<a class="login-fail-return" href="#">Back to Main Page</a>';
    }
    else{
        echo 'You were not logged in, and so have not been logged out.<br />';
    }
    ?>

```

```

<footer>
<div class="footer">
    <div class="footer-div">
        
        <div class="footer-info">
            <span class="footer-info-top">Connectus Pizza
Singapore</span><br>
            <span class="footer-info-bottom">6362 8890</span>
        </div>
    </div>

    <div class="footer-table">
        <table class="footer-table">
            <tr>
                <td style="width:10%" class="table-
header">Company</td>
                <td style="width:10%" class="table-
header">Help</td>
                <td style="width:10%" class="table-
header">Social</td>
            </tr>
            <tr>
                <td>Join Us</td>
                <td>FAQ</td>
                <td>Facebook</td>
            </tr>
            <tr>
                <td>About Us</td>
                <td></td>
                <td>Instagram</td>
            </tr>
            <tr>
                <td>Contact </td>
                <td></td>
                <td>Youtube</td>
            </tr>
            <tr>

```

```

        <td></td>
        <td></td>
        <td>TikTok</td>
    </tr>
</table>
</div>
</div>
</footer>

</div>
</body>
</html>
</body>
</html>

```

rewards_vouchers.php

```

<?php

@$db = new mysqli('localhost','root','','connectus');

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

session_start();
$user_id = $_SESSION['valid_user'];
if(empty($user_id))
{
    echo '<script>alert("Please log in before proceed!!!");</script>';
    echo "<script>window.location.href='../../login.html' </script>";
}

$voucher_code = $_POST('voucher_code');

```

```

?>

<!DOCTYPE html>
<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="./img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" href="./CSS/main.css">
    <link rel="stylesheet" href="./CSS/rewards.css">
    <script type="text/javascript" src="./JS/index.js"></script>
    <style>
        .rewards{
            color:#0094FF ;
            background-color: white;
        }

        .rewards_vouchers{
            color: white;
            background-color: #0094FF;
        }
    </style>
</head>

<body>
    <header>
        <div class="nav-content">
            <li></li>
            <li><a class="nav-bar-content" href="index.html">Home</a></li>
            <li><a class="nav-bar-content" href="menu.html">Menu</a></li>
            <li><a class="nav-bar-content" href=".//rewards-page/points.html">Rewards</a></li>
            <li><a class="nav-bar-content" href="locate.html">Locate Us</a></li>
            <li>
                <a href="login.html" id="login">
                    

```

```

        Login</a>
    </li>
</div>
</header>

<!-- Points -->
<div class="points">
    <span class="points-progress">0</span>
    <span>Connectus Points</span><br>
    <div class="progress-bar"></div>
    <p>Get <span class="points-progress">0</span> more points by 31 Dec
2022 to maintain gold</p>
    <div class="tier_benefits"><a class="tier_benefits" href="">View
Tier Benefits</a></div>
</div>

<div class="redeem-types">
    <a href="rewards.html" class="rewards">Redeem Points</a>
    <a href="rewards-voucher.html" class="rewards_vouchers">Redeem
Vouchers</a>
</div>

<p class="product-code-header">Enter your product code here</p>
<form action=".php/voucher_code.php" method="post">
    <input name="voucher_code" class="voucher_code" type="text"
height="50px" width="100px">
    <input name="redeem_voucher_code" class="redeem_voucher_code"
type="submit" value="Redeem">
</form>

<div class="all-vouchers">
    <div class="pizza">
        
        <input class="redeem-button" type="submit" value="Redeem">
    </div>
    <div class="pizza">
        
        <input class="redeem-button" type="submit" value="Redeem">
    </div>
    <div class="pizza">

```

```

        
        <input class="redeem-button" type="submit" value="Redeem">
    </div>
</div>
</body>

</html>

```

rewards.php

```

<?php

@$db = new mysqli('localhost','root','','connectus');

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

session_start();
$user_id = $_SESSION['valid_user'];
if(empty($user_id))
{
    echo '<script>alert("Please log in before proceed!!!");</script>';
    echo "<script>window.location.href='../../login.html' </script>";
}

?>

```

signup.php

```

<!DOCTYPE html>

<html>
<head>
    <title>Connectus</title>
    <link rel="icon" type="image/x-icon" href="./img/favicon.ico">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```

<link rel="stylesheet" href="../CSS/main.css">
<script type="text/javascript" src="../JS/index.js"></script>
</head>

<body>
    <header>
        <!-- Navigation Bar -->
        <div class="nav-content">
            <li></li>
            <li><a href="#">class="nav-bar-content"class="nav-bar-content"class="nav-bar-content"class="nav-bar-content"id="login"

```

```

$name = $_POST['name'];
$contact_number = $_POST['contact_number'];

if ($password != $retype_password){
    echo "Sorry passwords do not match";
    exit;
}

$password = md5($password);

$sql=           "INSERT           into
user(email_address,password,retype_password,name,contact)           VALUES
('{$email_address}', '{$password}', '{$retype_password}', '{$name}', '{$contact_number}')
";

$result = $db->query($sql);

if (!$result)
    echo "Your query failed.";
else
    // echo "<img src='../img/pizza_signup.png'>";
    echo "<div class='successful'> Welcome ". $name . ". </br> You are now
registered</div>";

$db->close();

?>

<footer>
    <div class="footer">
        <div class="footer-div">
            
            <div class="footer-info">
                <span      class="footer-info-top">Connectus      Pizza
Singapore</span><br>
                <span class="footer-info-bottom">6362 8890</span>
            </div>
        </div>
    </div>

```

```

<div class="footer-table">
    <table class="footer-table">
        <tr>
            <td style="width:10%" class="table-
header">Company</td>
            <td style="width:10%" class="table-
header">Help</td>
            <td style="width:10%" class="table-
header">Social</td>
        </tr>
        <tr>
            <td>Join Us</td>
            <td>FAQ</td>
            <td>Facebook</td>
        </tr>
        <tr>
            <td>About Us</td>
            <td></td>
            <td>Instagram</td>
        </tr>
        <tr>
            <td>Contact </td>
            <td></td>
            <td>Youtube</td>
        </tr>
        <tr>
            <td></td>
            <td></td>
            <td>TikTok</td>
        </tr>
    </table>
</div>
</div>
</body>
</html>

```

7.2 Contribution to the project by each team member

| Work Done | Contributed by |
|-----------------------|---------------------|
| Storyboard, Wireframe | Zhen Yong, Jia Kang |
| Homepage | Zhen Yong |
| Menu Page | Jia Kang |
| Checkout Page | Jia Kang |
| Rewards Page | Zhen Yong |
| Location Page | Zhen Yong, Jia Kang |
| Login & Register Page | Zhen Yong |
| Database Design | Zhen Yong, Jia Kang |