



# **TWP4213**

## **Internet & Web Publishing**

**Tri 2510**

**Project Title: BakeEase Online Ordering  
System**

**(Lecture Section:        D9        )**

**BY**

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## TASK DISTRIBUTION FORM

| No. | Student ID | Student Name           | Tasks Completed  |
|-----|------------|------------------------|--|
| 1.  | 1231203190 | EDWIN TEO<br>YUAN JING | Index.php, products.php, product-detail.php, contact.php, about.php, edit-profile.php, order-history.php, confirmation.php, all styles.css   |
| 2.  | 1231201459 | CHAN ZUN YI            | Login.php, logout.php, register.php, profile.php, add-to-cart.php, shoppingCart.php, checkout.php, order_feedback.php  |
| 3.  | 1231201251 | WONG SOON KIT          | Convert all admin pages to php ,including admin login page, admin dashboard, manage staff page, add staff page, manage member page, manage product categories page, manage product page, manage order page, and sales report page. |

## **PART 1: INTRODUCTION**

It is our decision in this group to improve the already created static web site of ours, which is BakeEase, and convert into a dynamic bakery ordering applications online. The redesigned PHP, MySQL, and JavaScript-based products of this project aim to provide an easy, customized experience for the customers who want to search and place their orders on the cakes and baked goods of the bakery online through the bakery.

The site is designed to enhance the ease of use, convenience, and immersion especially with young adults and perceptually tech-savvy and busy individuals that need custom and direct bakery experience as compared to mass food delivery service providers such as GrabFood or Foodpanda. Unlike these third-party services, BakeEase offers closer proximity to the customer as well as to the bakery, a quicker ordering process, easier product customisation and the human touch.

The major characteristics of the system are an animated Home Page which advertises special products and services. Product Listing Page, which would be linked to the database and include all products in the same responsive grid. Dynamic Product Detail Pages which load products based on product ID. Checkout and Shopping Cart Pages that are functional and use both local Storage in the case of guest users and MySQL in the case of logged-in individuals. An Admin Panel to add/edit users, products, orders, and sale reports. User Authentication that covers authentication (authorizing logins and registration) and personal dashboards. Other pages include About Us, Contact Us including a map and Rating/Feedback Forms.

The design and layout of the original fixed site has been highly improved to fit the current standards in UI/UX. Every group member supplied at least four dynamic pages, and the process of development was shared and well-balanced. The last system is extensible; database powered and can be installed on an individual computer with the XAMPP server and is a complete real-time web development project.

## PART 2: SCREENSHOTS OF WEBPAGE

### 2.1 User

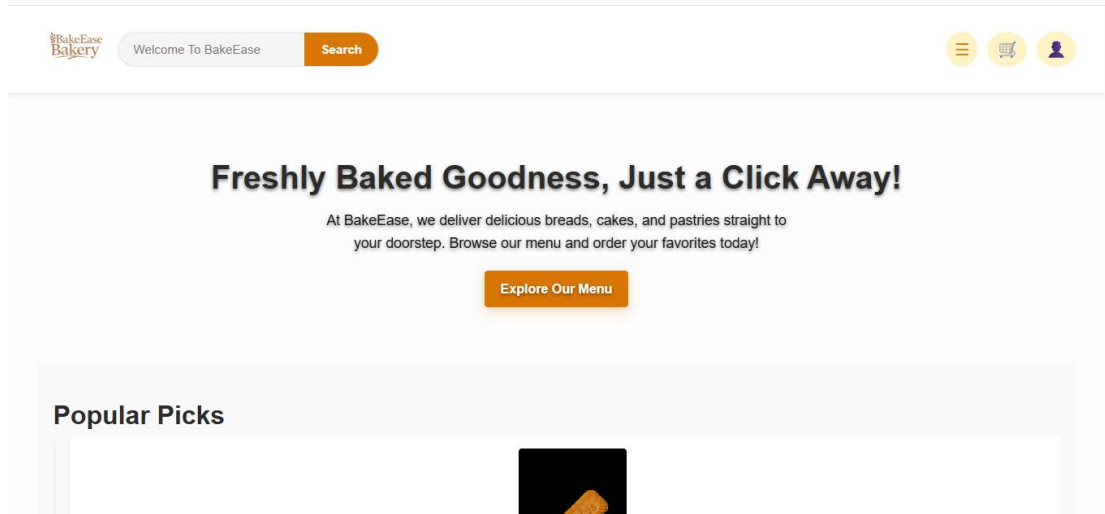


Figure 2.1.1 User Home Page

This is the homepage of the BakeEase website. It features a modern hero section with a gradient background, a centered title, subtitle, and a call-to-action button to explore the menu. It introduces the brand and encourages browsing or shopping.

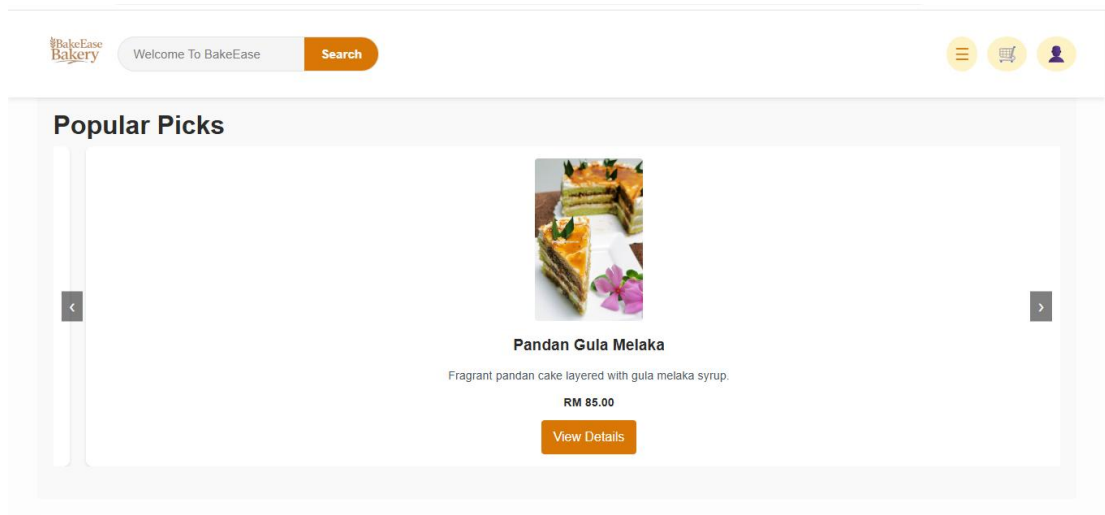


Figure 2.1.2 User Home Page (Popular Pick)

It serves as the entry point, showcasing popular products and key selling points to entice users to browse or purchase. The updated design is "Popular Picks" section with a carousel displaying up to three cake products, each with an image, name, description, price, and a "View Details" link to product-detail.php.

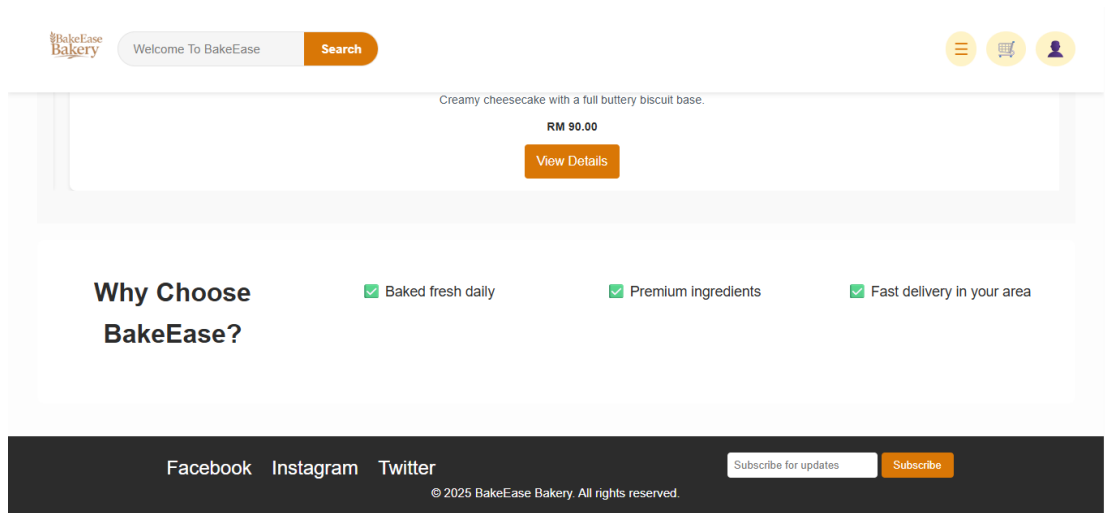


Figure 2.1.3 User Home Page (Highlight)

Additionally, it has a "Why Choose BakeEase?" section listing key benefits and a footer with social media links and a newsletter signup form.

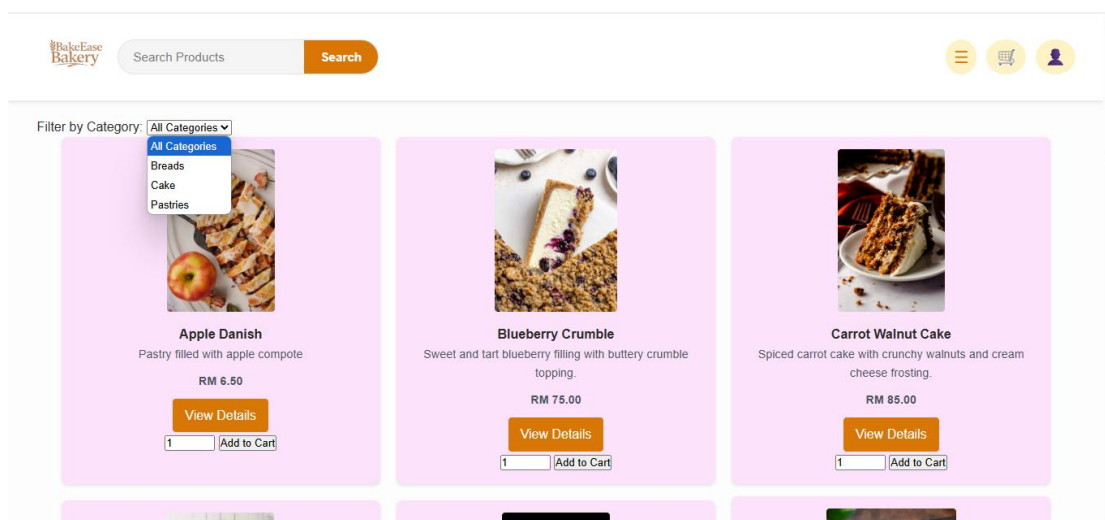


Figure 2.1.4 Products Page

This page displays a searchable catalog of bakery products. It contains a search form at the top to filter products by keyword, a grid layout showing product cards with images, names, descriptions, prices, and "View Details" links to product-detail.php. The design is responsive, adjusting the grid for different screen sizes, and includes navigation links to other pages via a dropdown menu.



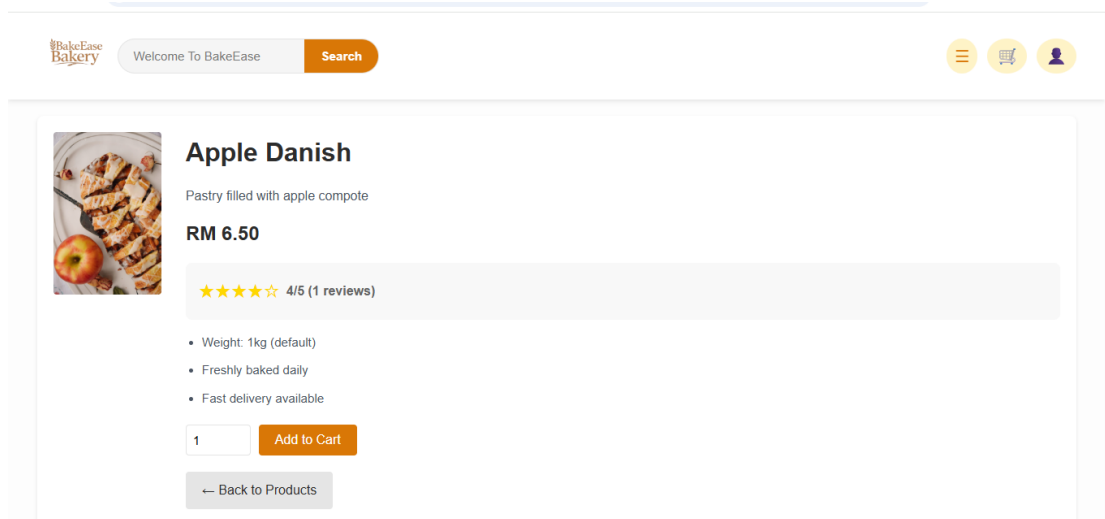


Figure 2.1.5 Product Detail Page

This page provides detailed information about a specific product. It includes an image of the product, the product name, description, price, reviews and additional details like weight and delivery options. There is a form to add the product to the cart with a quantity input and a submit button, along with a "Back to Products" link to return to products.php. The layout uses a flexbox design for side-by-side image and info sections.

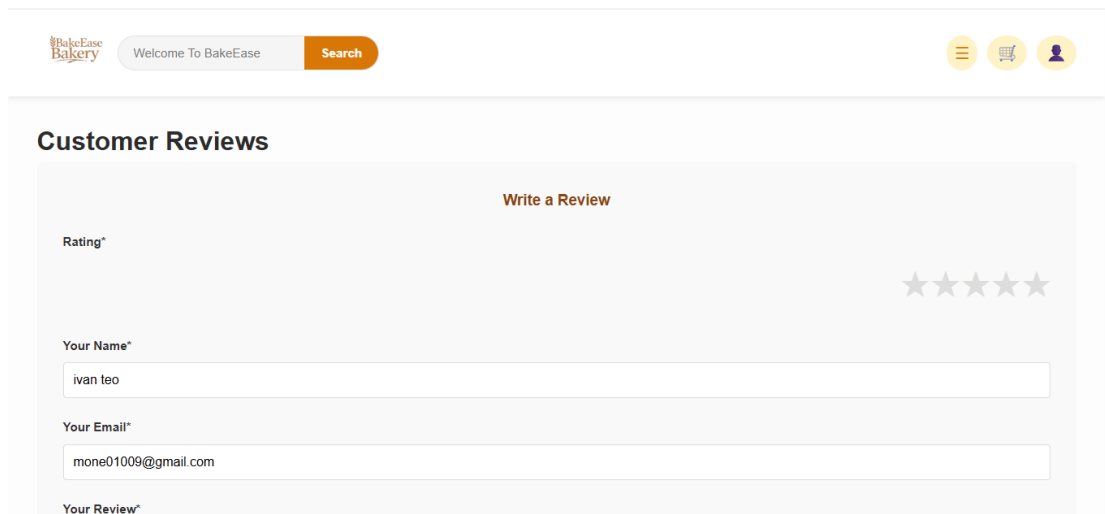


Figure 2.1.6 Product Detail Page (Customer Reviews)

It features a "Customer Reviews" heading followed by a review form where users can submit feedback. The form includes a star rating system (1-5 stars) with pre-selected values, fields for Name, Email Address, and a textarea for Comments, all marked as required. It displays error messages if validation fails and a success message upon successful submission.

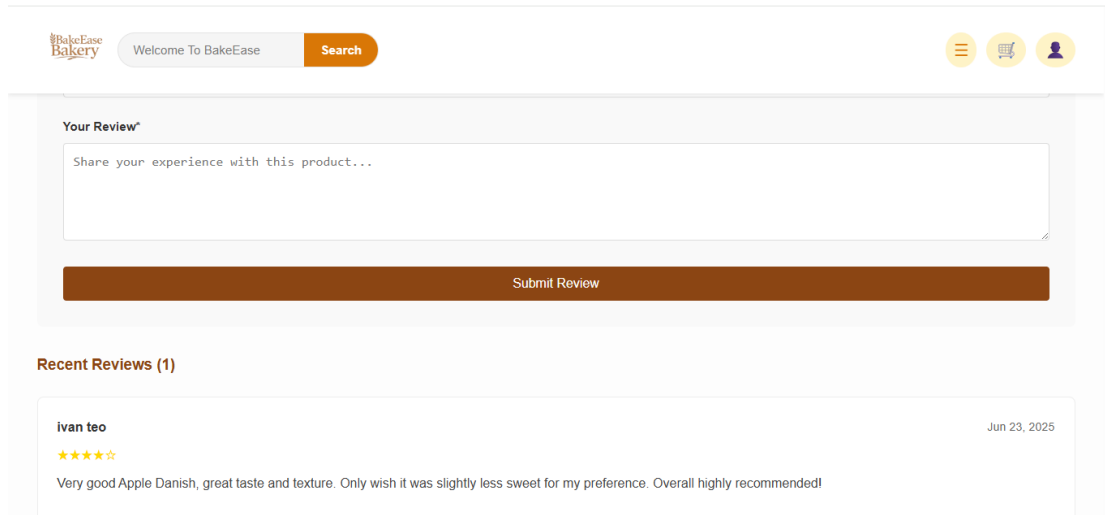


Figure 2.1.7 Product Detail Page (Recent Reviews)

Below the form, a "Recent Reviews" section lists recent reviews with the reviewer's name, a "Verified Purchase" badge if applicable, review date, star rating, comment, and helpful count if votes exist. If no reviews are available, it shows a prompt encouraging the first review, all within a structured layout with header and footer navigation.

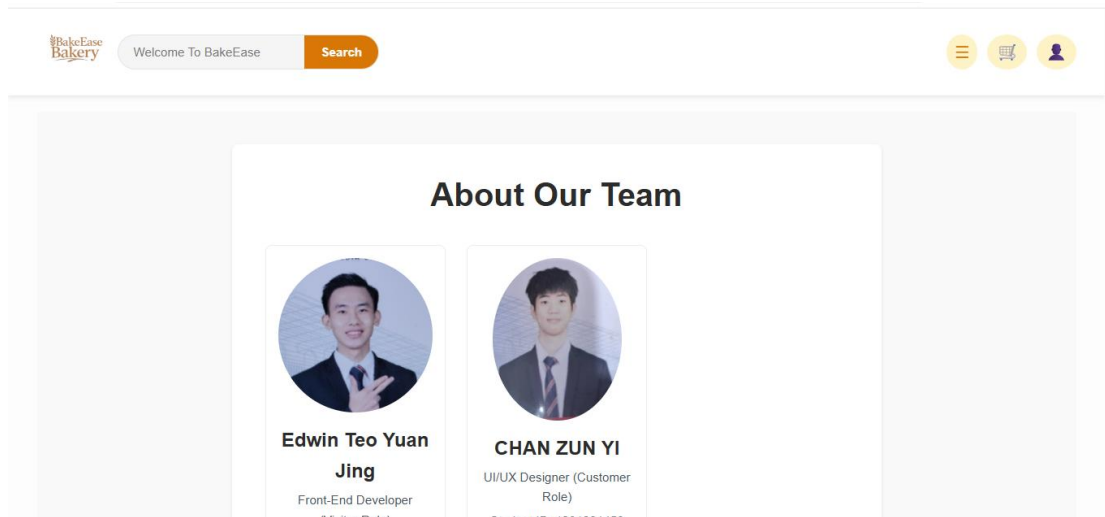
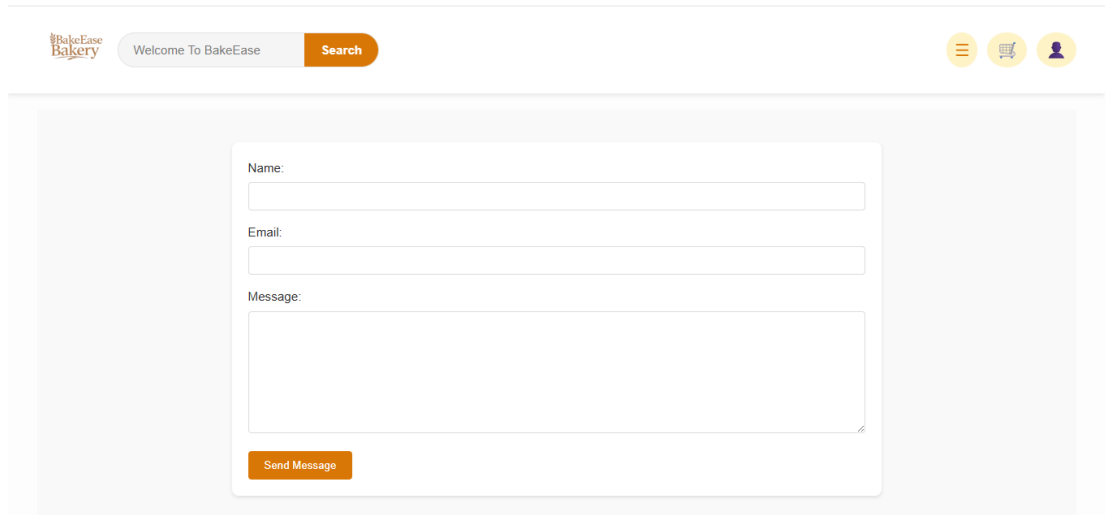


Figure 2.1.8 About Us Page

This page showcases the BakeEase team. It features a section with team member profiles, each including a circular image, name, role, and student ID. The layout uses a grid or inline-block design for multiple members, with hover effects for interactivity, and is complemented by a header with navigation and a footer for a cohesive look.



The screenshot shows the top navigation bar of the BakeEase Bakery website. It includes the logo, a 'Welcome To BakeEase' message, a 'Search' button, and icons for a menu, shopping cart, and user profile. The main content area features a contact form with the following fields:

- Name:** A text input field.
- Email:** A text input field.
- Message:** A large text area for the message.
- Send Message:** An orange button to submit the form.

Figure 2.1.9 Contact Us Page (Contact Form)

This page contains a contact form for customers to reach out to BakeEase Bakery. It includes fields for Name, Email Address, Subject, and Message, along with a submit button. The form is centered within a container, and the page features a header with navigation and a footer, providing a clean and accessible way to send inquiries.

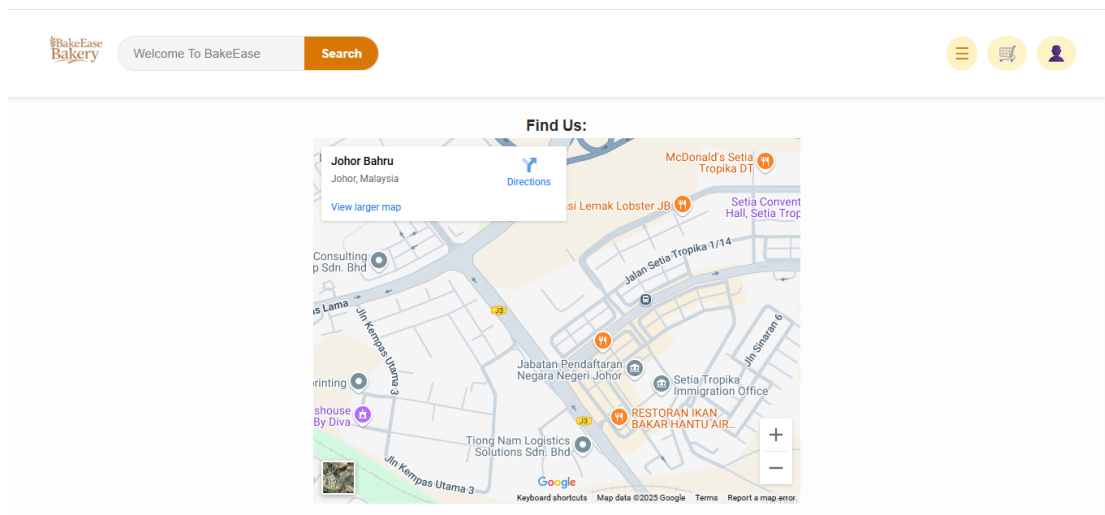


Figure 2.1.10 Contact Us Page (Location Map)


The "Find Us" section shows a map or location details.

## 2.2 Customer

The image shows the login page of the BakeEase Bakery web application. The header contains the BakeEase Bakery logo, a 'Welcome To BakeEase' message, a search bar, and navigation icons for menu, cart, and user. The main content area features a 'Welcome Back!' login form with fields for Email Address (chanzunyi916@gmail.com) and Password (masked with dots), a 'Login' button, and links for 'Forgot Password?' and 'Sign Up'.

Figure 2.2.1 Login Page

These images display the user authentication system for BakeEase, a bakery-focused web application. The first image shows the login interface where returning users can access their accounts by entering their email address and password, with additional options for password recovery and new user registration.



Welcome To BakeEase

Search

## Join BakeEase Today

First Name

Last Name

Email Address

chanzunyi916@gmail.com

Phone Number

Password

\*\*\*\*\*

Confirm Password

☐ I agree to the [Terms of Service](#) and [Privacy Policy](#)

Create Account

Already have an account? [Login](#)

Figure 2.2.2 Register Page

The image presents the registration form for new users, collecting essential information including name, contact details, and account credentials, along with mandatory agreement to terms of service and privacy policies.

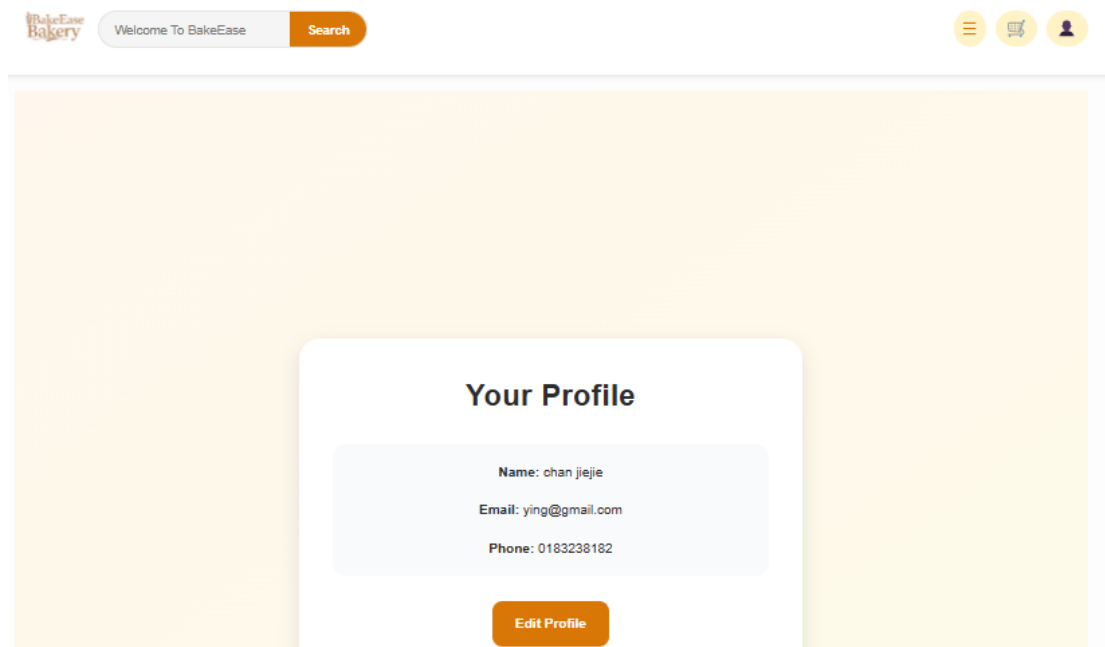


Figure 2.2.3 Profile Page

This image shows the user profile page for BakeEase, which serves as a personal account dashboard where users can view their current account information. The page displays key profile details including the user's name (chan jieje), email address ([ying@gmail.com](mailto:ying@gmail.com)), and phone number (0193238192) in a clean, organized format. The prominent orange "Edit Profile" button allows users to modify their information, creating a seamless connection to the profile editing functionality shown in previous images.

The screenshot displays the 'Edit Your Profile' interface. At the top, the header includes the 'BakeEase Bakery' logo, a 'Welcome To BakeEase' message, a search bar with a 'Search' button, and three navigation icons (hamburger menu, shopping cart, and user profile). The main content area is a light yellow background with a white modal form in the center. The form is titled 'Edit Your Profile' and contains the following fields:

- First Name:** Input field with the value 'chan'.
- Last Name:** Input field with the value 'jiejie'.
- Email Address:** Input field with the value 'ying@gmail.com'.
- Phone Number:** Input field with the value '0183238182'.
- New Password (leave blank to keep current):** Input field with the placeholder text 'Enter new password'.
- Confirm New Password:** Input field with the placeholder text 'Confirm new password'.

At the bottom of the form are two buttons: 'Save Changes' (orange) and 'Cancel' (grey).

Figure 2.2.4 Edit Profile Page

This page allows users to edit their personal account information including first name (Chan), last name (jiejie), email address ([ying@gmail.com](mailto:ying@gmail.com)), and phone number (0193238192). Users can also update their password through dedicated fields for new password entry and confirmation, with options to save changes or cancel modifications.

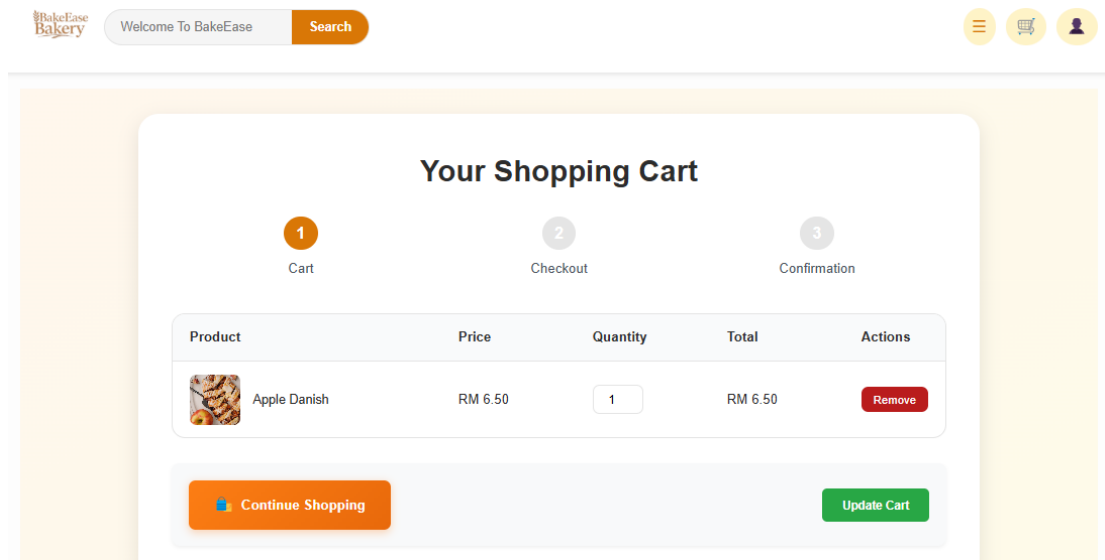


Figure 2.2.5 Shopping Cart Page

This displays the cart interface showing a three-step checkout process (Cart → Checkout → Confirmation). The cart contains one Apple Danish priced at RM 6.50, with options to remove items, continue shopping, or update the cart before proceeding to checkout.

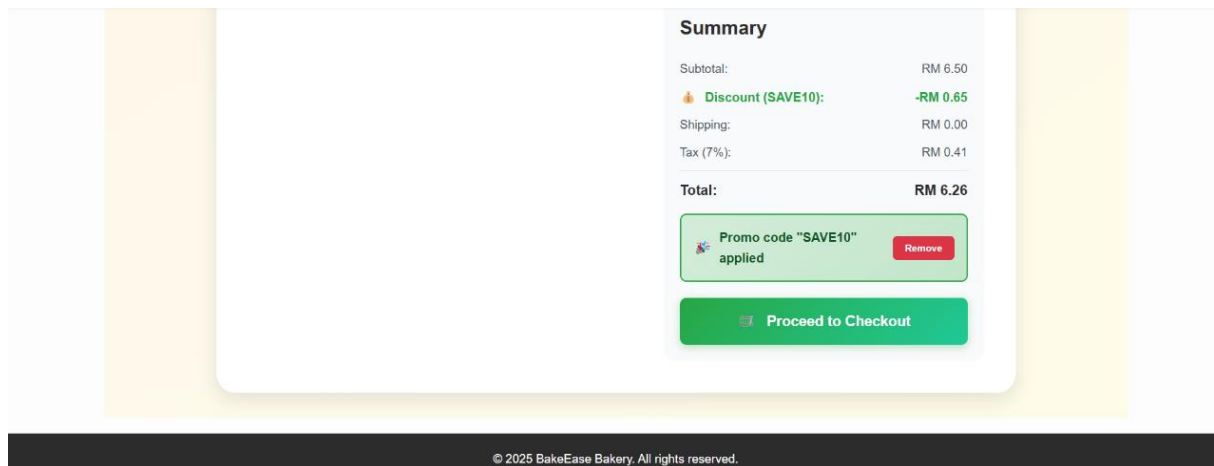


Figure 2.2.6 Shopping Cart Page

This presents the final order summary with detailed pricing breakdown including subtotal (RM 6.50), a 10% discount (SAVE10 promo code applied, saving RM 0.65), free shipping, 7% tax (RM 0.41), resulting in a total of RM 6.26. Users can remove the promo code or proceed to check out.



Figure 2.2.7 Secure Checkout Page

This displays the second step of the three-part checkout process, featuring a split layout with contact information fields (first name, last name, email, phone) on the left and an order summary on the right showing the Apple Danish purchase (RM 6.50) with calculated totals including tax (7%) for a final amount of RM 6.96.

Figure 2.2.8 Secure Checkout Page

This section captures comprehensive delivery information including street address (21 jalan bestari 8, skudai johor), apartment details (door), city (skudai), state/province

(Johor Darul Ta'zim), postal code (81300), country (Malaysia), and optional delivery instructions, ensuring accurate order fulfillment.

**Payment Information**

Card Type\*

Visa ☐

MasterCard ☒

Amex ☐

Discover ☐

Name on Card\*

CHAN ZUN YI

Card Number\*

1234567890123456

Expiration Date\* (MM/YY)

11/99

CVV\*

989

Billing ZIP Code\*

81300

**Place Order**

Figure 2.2.9 Secure Checkout Page

This form handles secure payment processing with card type selection (Visa, MasterCard, Amex, discover with MasterCard selected), cardholder name (CHAN ZUN YI), card number, expiration date (11/99), CVV (989), and billing ZIP code (81300), concluding with a prominent "Place Order" button.

← Back to Home

**Order #41 Summary**

|                                   |                                |                          |
|-----------------------------------|--------------------------------|--------------------------|
| <b>Order Date</b><br>Jun 24, 2025 | <b>Total Amount</b><br>RM 6.96 | <b>Status</b><br>Pending |
|-----------------------------------|--------------------------------|--------------------------|

**Customer**  
chan jieje

Items Purchased:


 **Apple Danish**  
Quantity: 1 | Price: RM 6.50

Figure 2.2.10 Order Confirmation Page

This success page confirms order completion with a personalized thank you message, order details (ID #39, date June 24, 2025, 3:28 pm, total RM 6.96, pending status), delivery address (21), purchased items (Apple Danish, Qty: 1, RM 6.50), and a "Continue Shopping" option for additional purchases.

**How was your experience?**

Your feedback helps us improve our products and service quality.

**Overall Experience**  
How would you rate your overall experience with BakeEase Bakery?  
★★★★★

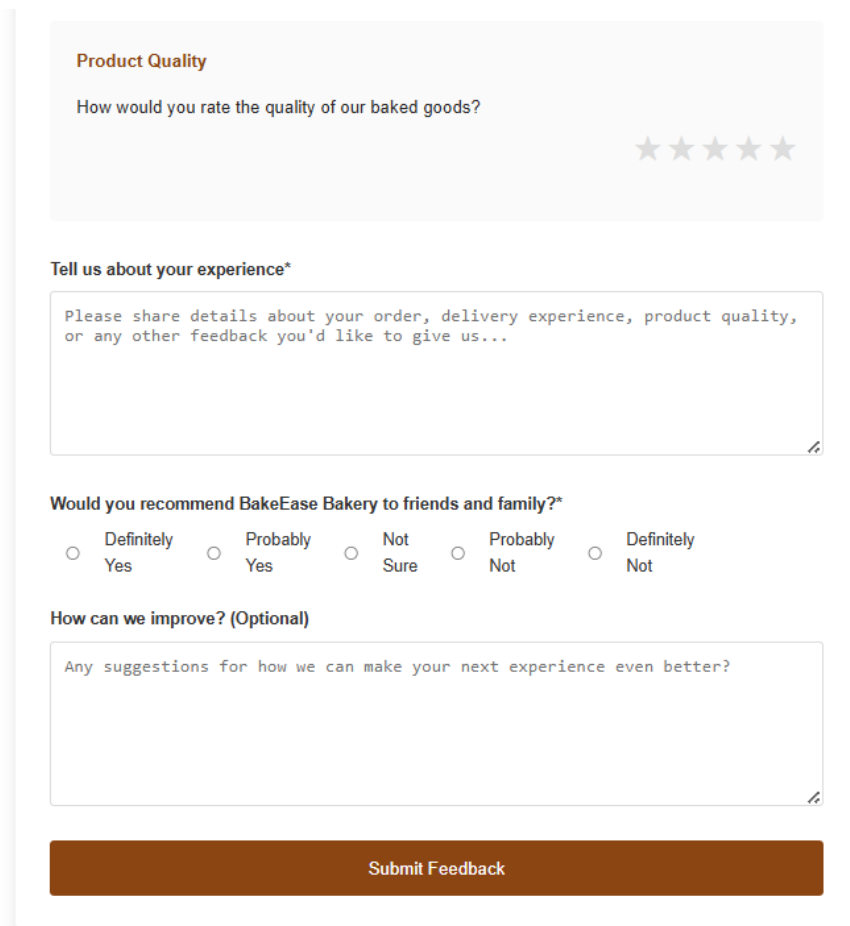
**Delivery Service**  
How satisfied were you with our delivery service?  
★★★★★

**Product Quality**  
How would you rate the quality of our baked goods?  
★★★★★

Figure 2.2.11 Order Feedback Page

approaches customer feedback collection for BakeEase Bakery, designed to capture valuable insights into the customer experience. The first image presents a focused feedback form that concentrates primarily on product quality, featuring a 5-star rating

system specifically for baked goods, along with an open-ended text area where customers can provide detailed feedback about their order, delivery experience, and overall satisfaction. This form also includes a Net Promoter Score-style question asking whether customers would recommend the bakery to friends and family, with options ranging from "Definitely Yes" to "Definitely Not," and concludes with an optional section for improvement suggestions.



The form is titled "Product Quality" and asks "How would you rate the quality of our baked goods?" with a 5-star rating system. Below this is a section titled "Tell us about your experience\*" with a text area for feedback. The next section asks "Would you recommend BakeEase Bakery to friends and family?" with five radio button options: "Definitely Yes", "Probably Yes", "Not Sure", "Probably Not", and "Definitely Not". The final section is titled "How can we improve? (Optional)" and asks "Any suggestions for how we can make your next experience even better?" with a text area. A "Submit Feedback" button is at the bottom.

**Product Quality**

How would you rate the quality of our baked goods?

★ ★ ★ ★ ★

**Tell us about your experience\***

Please share details about your order, delivery experience, product quality, or any other feedback you'd like to give us...

**Would you recommend BakeEase Bakery to friends and family?\***

☐ Definitely Yes ☐ Probably Yes ☐ Not Sure ☐ Probably Not ☐ Definitely Not

**How can we improve? (Optional)**

Any suggestions for how we can make your next experience even better?

**Submit Feedback**

Figure 2.2.12 Order Feedback Page

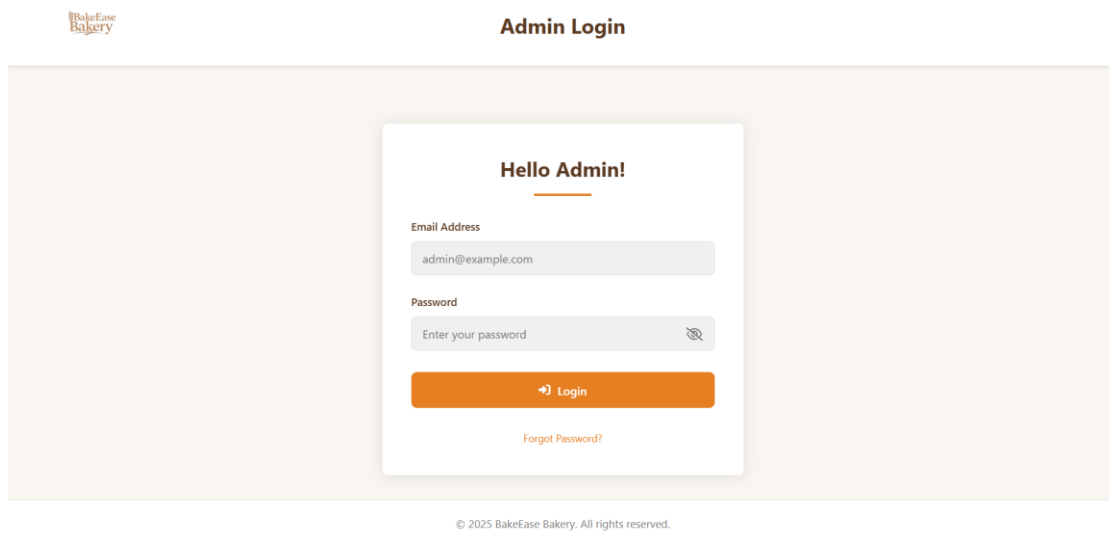
Presenting a multi-category feedback system that evaluates the entire customer journey. This broader form includes separate 5-star rating sections for overall experience, delivery service satisfaction, and product quality, allowing the bakery to identify specific strengths and weaknesses across different operational areas. The purpose of these feedback collection systems is to systematically gather both quantitative data through star ratings and qualitative insights through open-ended responses, enabling BakeEase Bakery to measure customer satisfaction, track loyalty metrics, and make data-driven decisions for business improvements.

| Order ID | Date                   | Total     | Status  | Actions                      |
|----------|------------------------|-----------|---------|------------------------------|
| #39      | June 24, 2025, 4:49 pm | RM 80.25  | pending | <a href="#">View Details</a> |
| #38      | June 23, 2025, 7:46 pm | RM 272.85 | pending | <a href="#">View Details</a> |
| #37      | June 23, 2025, 7:33 pm | RM 256.80 | pending | <a href="#">View Details</a> |
| #36      | June 23, 2025, 3:32 pm | RM 90.95  | pending | <a href="#">View Details</a> |
| #35      | June 22, 2025, 6:23 pm | RM 11.24  | pending | <a href="#">View Details</a> |

Figure 2.2.13 Order History Page

This page displays a customer’s past orders. It includes a section listing order details such as Order ID, Date, Total Amount, and Status, retrieved from the database based on the logged-in user’s ID. The layout is organized in a card-like format, with a header for navigation and a footer, allowing users to review their purchase history.

## 2.3 Administrator



The Admin Login page features a central white card on a light orange background. The card has a header 'Hello Admin!' followed by two input fields: 'Email Address' (containing 'admin@example.com') and 'Password' (containing 'Enter your password' and a show/hide icon). Below these is an orange 'Login' button and a 'Forgot Password?' link. The footer of the page shows the copyright '© 2025 BakeEase Bakery. All rights reserved.'

**Admin Login**

**Hello Admin!**

Email Address  
admin@example.com

Password  
Enter your password

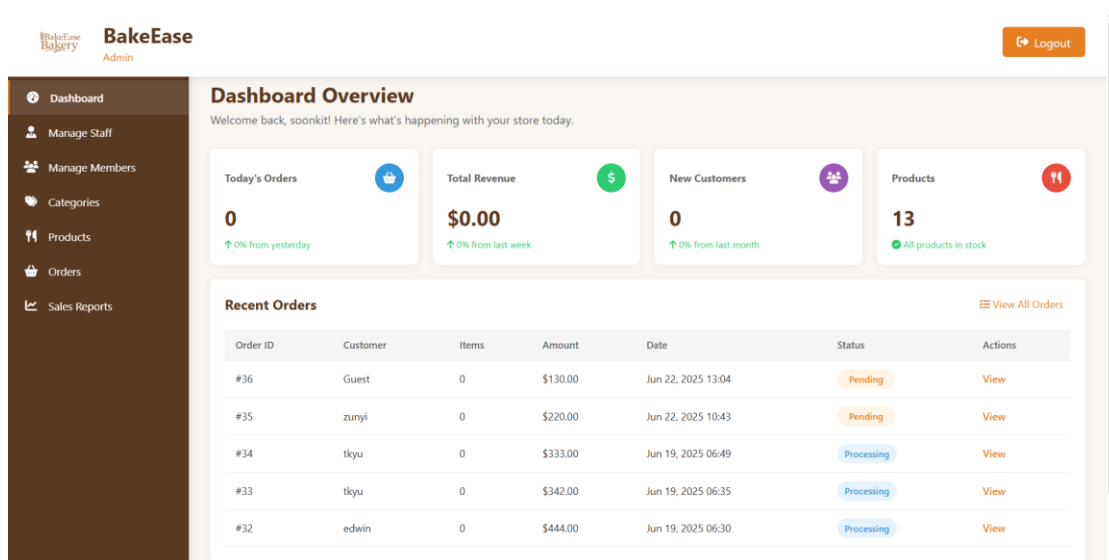
Login

[Forgot Password?](#)

© 2025 BakeEase Bakery. All rights reserved.

Figure 2.3.1 Admin Login Page

This page contains an admin login form with fields for Email Address and Password. There is a "Show/Hide Password" icon to toggle the visibility of the entered password. And it got a forget password link.



The Admin Dashboard Overview page has a dark brown sidebar with navigation links: Dashboard, Manage Staff, Manage Members, Categories, Products, Orders, and Sales Reports. The main content area has a 'Logout' button in the top right. It features a 'Dashboard Overview' section with a welcome message and four key stats cards: Today's Orders (0, up 0% from yesterday), Total Revenue (\$0.00, up 0% from last week), New Customers (0, up 0% from last month), and Products (13, All products in stock). Below these is a 'Recent Orders' table with columns for Order ID, Customer, Items, Amount, Date, Status, and Actions. A 'View All Orders' link is in the top right of the table.

**BakeEase Admin** Logout

**Dashboard Overview**  
Welcome back, soonkit! Here's what's happening with your store today.

**Today's Orders** 0  
↑ 0% from yesterday

**Total Revenue** \$0.00  
↑ 0% from last week

**New Customers** 0  
↑ 0% from last month

**Products** 13  
All products in stock

**Recent Orders** View All Orders

| Order ID | Customer | Items | Amount   | Date               | Status     | Actions |
|----------|----------|-------|----------|--------------------|------------|---------|
| #36      | Guest    | 0     | \$130.00 | Jun 22, 2025 13:04 | Pending    | View    |
| #35      | zunyl    | 0     | \$220.00 | Jun 22, 2025 10:43 | Pending    | View    |
| #34      | tkyu     | 0     | \$333.00 | Jun 19, 2025 06:49 | Processing | View    |
| #33      | tkyu     | 0     | \$342.00 | Jun 19, 2025 06:35 | Processing | View    |
| #32      | edwin    | 0     | \$444.00 | Jun 19, 2025 06:30 | Processing | View    |

Figure 2.3.2 Admin Dashboard Overview Page

This page shows key stats such as Today's Orders, Total Revenue, New Customers, and Products (including the stock status). It displays the recent orders with the status and provides a link to view all orders. It also provides a link to the page for managing staff, managing member, categories, products, orders, and sales reports. It has a Logout button that allows the admin to log out.

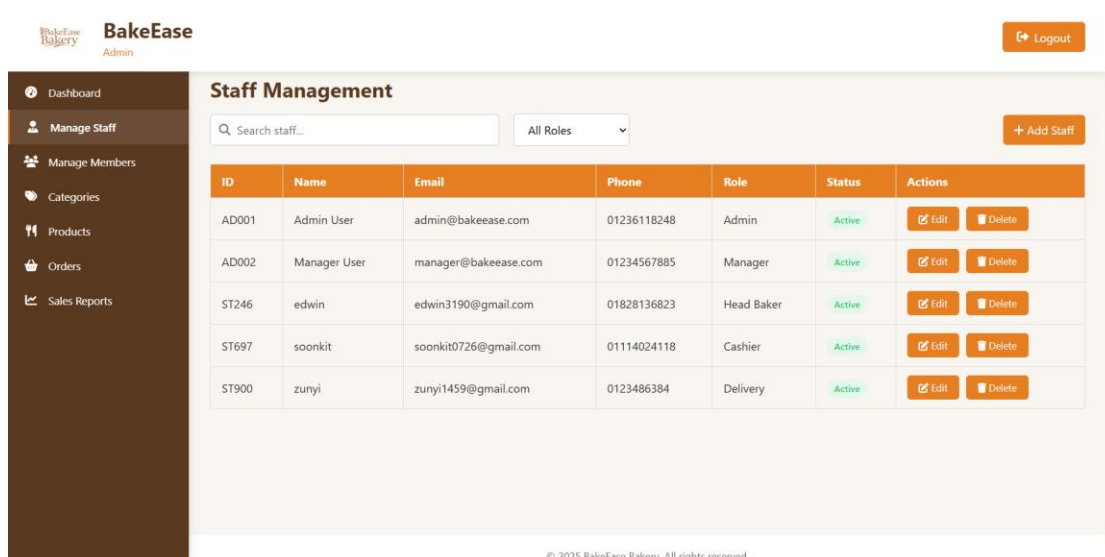


Figure 2.3.3 Staff Management Page

The Staff Management page allows the admin to view, search, and filter staff members by roles. It displays details like staff ID, name, email, phone number, role, and status, with options to Edit or Delete each staff member. The page also includes an Add Staff button for adding new staff members.

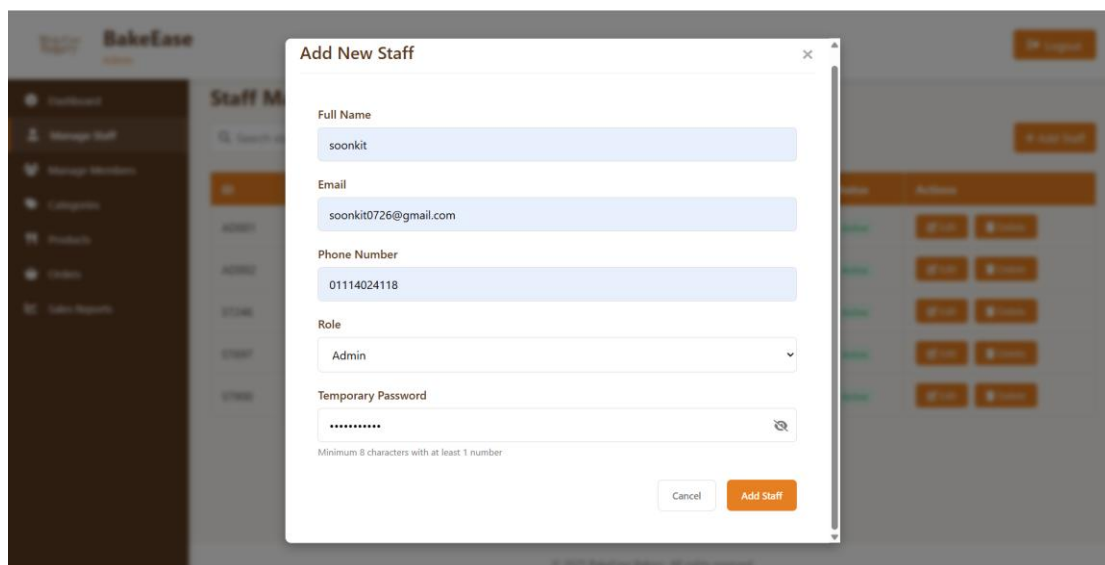


Figure 2.3.4 Add New Staff Page

The Add Staff page allows the admin to view, search, and manage registered members. It displays member details such as ID, name, email, phone number, and status (active or inactive), with options to Edit, Delete, or Update member information. The page also includes a button to Add Member.

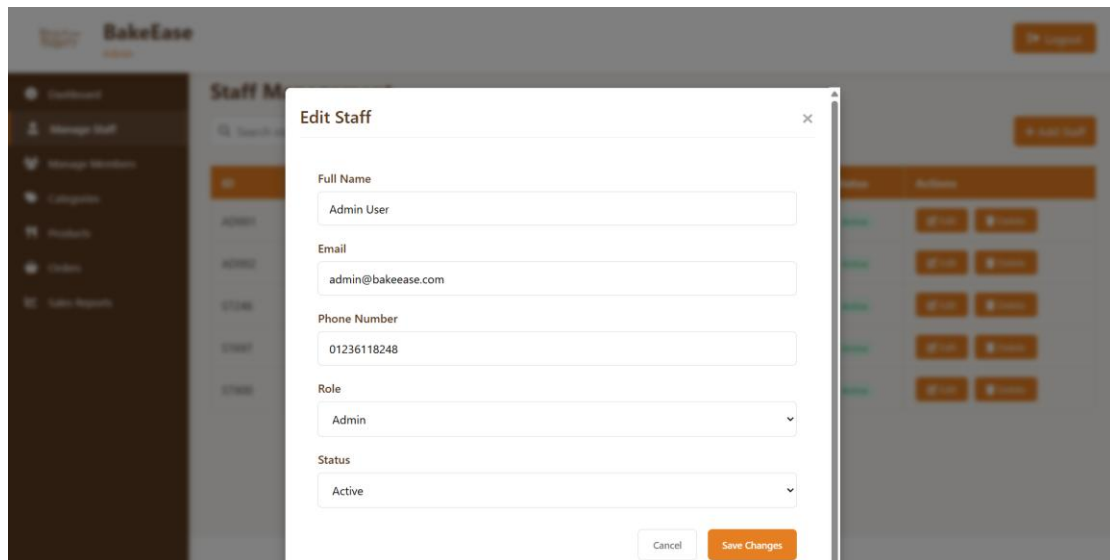


Figure 2.3.5 Edit Staff Page

The Edit Staff page allows the admin to modify existing staff details, such as name, email, phone number, role, and status. It displays the current information in editable fields and provides options to save changes or cancel the operation.

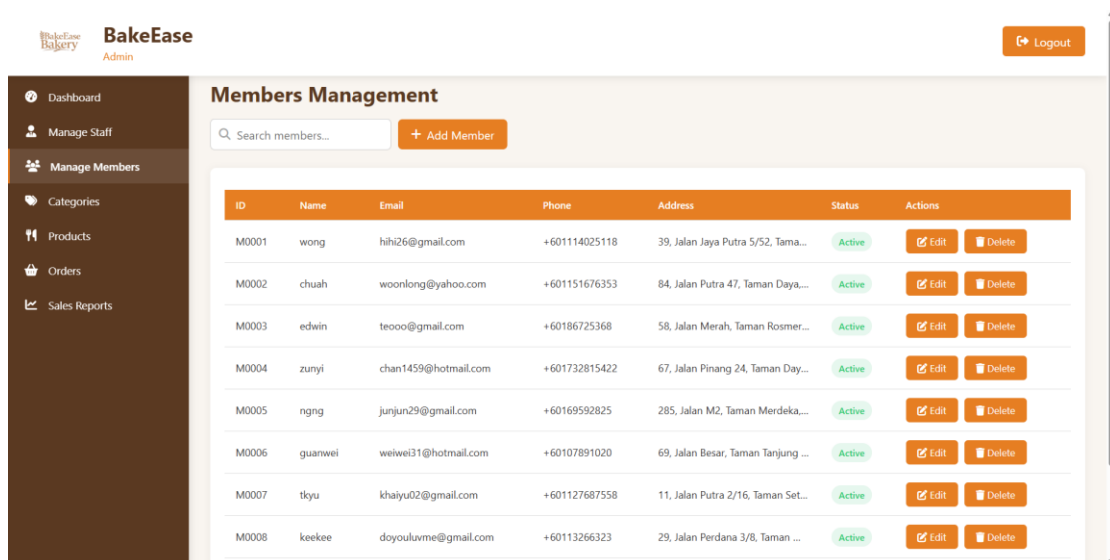


Figure 2.3.6 Member Management Page

The Members Management page allows the admin to view, search, and manage registered members. It displays member details such as ID, name, email, phone number, and status (active or inactive), with options to Edit, Delete, or Update member information. The page also includes a button to Add Member.



The screenshot shows the 'Add New Member' modal form. The background is a blurred view of the 'Manage Members' page. The modal has a title bar with a close button. The form fields are as follows:

| Field   | Value  |
|---------|--|
| Name    | kit  |
| Email   | kit719@gmail.com                                 |
| Phone   | 0113266323                                       |
| Address | 285, Jalan M2, Taman Merdeka, 84200, Muar, Johor |
| Status  | Active   |

Buttons: Cancel, Save

Figure 2.3.7 Add New Member Page

The Add New Member page enables administrators to register new members by entering their details, including name, email, phone number, address, and status. The form provides fields for mandatory information and allows admins to set the member's account status (Active/Inactive). Upon submission, the data is saved to the system, and the member gains access to relevant services.

The screenshot shows the 'Edit Member' modal form. The background is a blurred view of the 'Manage Members' page. The modal has a title bar with a close button. The form fields are as follows:

| Field   | Value   |
|---------|---|
| Name    | wong  |
| Email   | hihi26@gmail.com  |
| Phone   | +601114025118   |
| Address | 39, Jalan Jaya Putra 5/52, Taman Jaya Putra Perdana, 81100, Johor Bahru |
| Status  | Active  |

Buttons: Cancel, Update

Figure 2.3.8 Edit Member Page

The Edit Member page allows administrators to modify existing member details, such as name, email, phone number, address, and account status. The form pre-fills the current member information for review and editing. Administrators can update the data and save changes or cancel the operation.

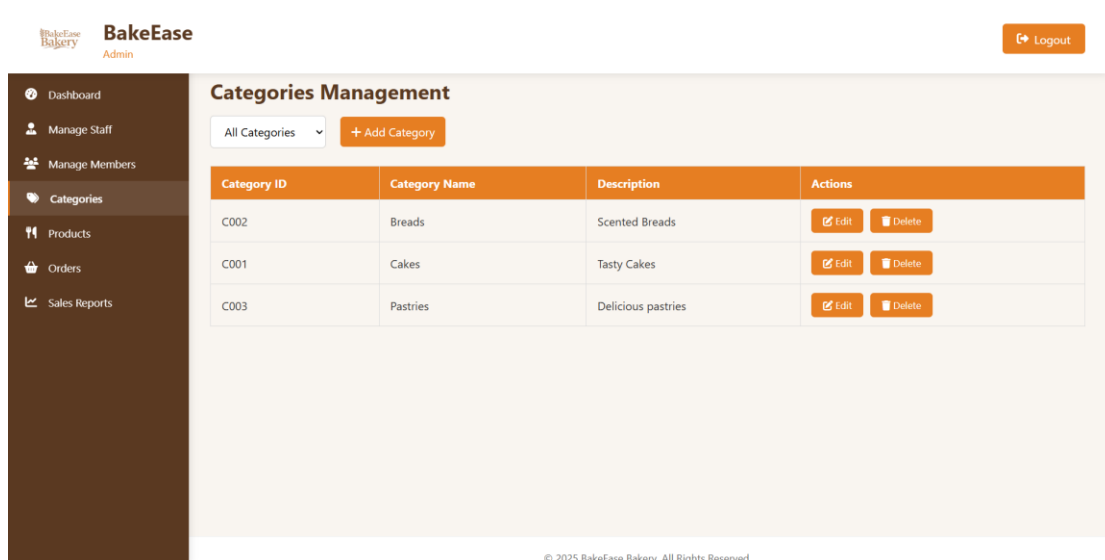


Figure 2.3.9 Categories Management Page

The Categories Management page allows the admin to view, search, and manage product categories. It displays each category's ID, name, and description, with options to Edit or Delete categories. The admin can also add new categories using the Add Category button.

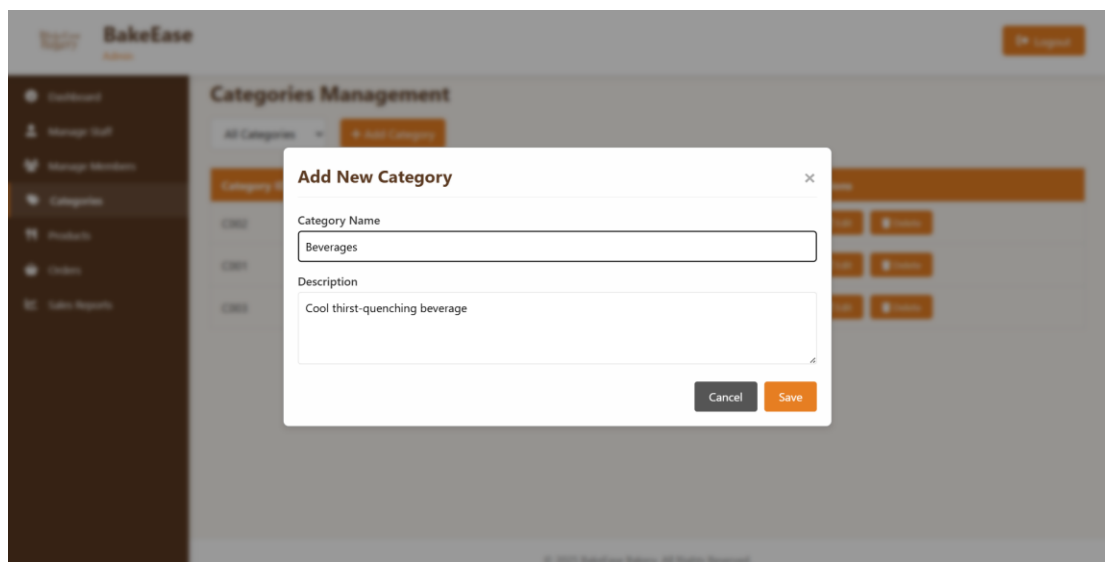


Figure 2.3.10 Add New Categories Page

The Add New Category page allows administrators to create new product categories by specifying a name and optional description. The form includes a field for the category title. For example, 'Beverages' and a text area for additional details.

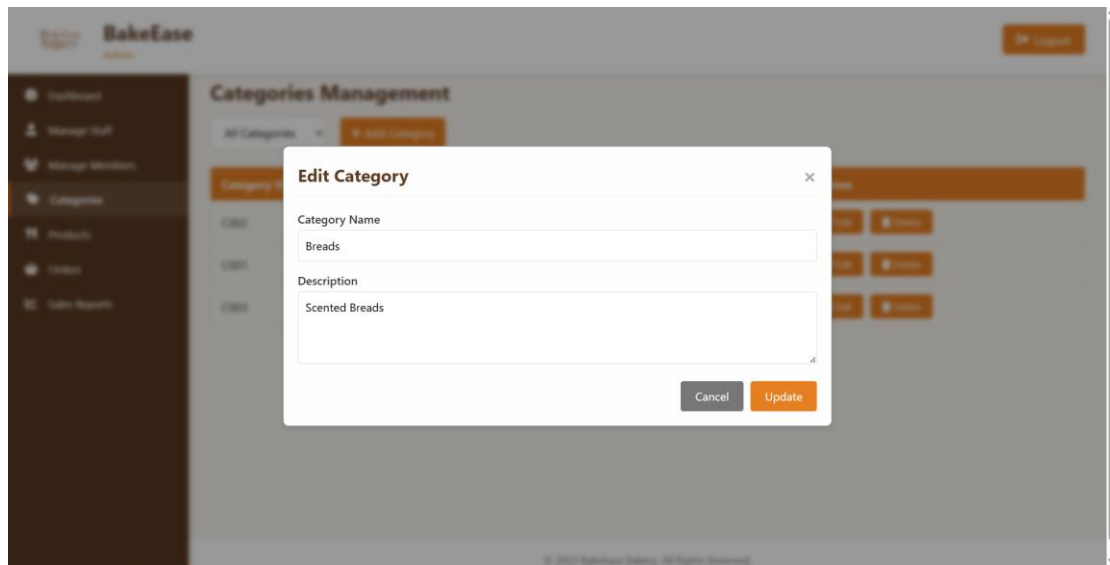


Figure 2.3.11 Edit Categories Page

The Edit Category page enables administrators to modify existing product categories, including the category name and description. The form pre-fills the current values for review and editing. Admins can update the details and save changes or cancel the operation.

| ID    | Name                   | Category | Price    | Stock | Status    | Actions                                     |
|-------|------------------------|----------|----------|-------|-----------|---|
| PR013 | Apple Danish           | Pastries | RM 6.50  | 18    | Available | <a href="#">Edit</a> <a href="#">Delete</a> |
| PR007 | Blueberry Crumble      | Cake     | RM 75.00 | 40    | Available | <a href="#">Edit</a> <a href="#">Delete</a> |
| PR008 | Carrot Walnut Cake     | Cake     | RM 85.00 | 50    | Available | <a href="#">Edit</a> <a href="#">Delete</a> |
| PR001 | Chocolate Indulgence   | Cake     | RM 80.00 | 50    | Available | <a href="#">Edit</a> <a href="#">Delete</a> |
| PR002 | Classic Cheesecake     | Cake     | RM 90.00 | 50    | Available | <a href="#">Edit</a> <a href="#">Delete</a> |
| PR012 | Croissant              | Pastries | RM 5.00  | 20    | Available | <a href="#">Edit</a> <a href="#">Delete</a> |
| PR006 | Mango Mousse Cake      | Cake     | RM 88.00 | 50    | Available | <a href="#">Edit</a> <a href="#">Delete</a> |
| PR009 | Mocha Buttercream Cake | Cake     | RM 92.00 | 50    | Available | <a href="#">Edit</a> <a href="#">Delete</a> |
| PR003 | Pandan Gula Melaka     | Cake     | RM 85.00 | 50    | Available | <a href="#">Edit</a> <a href="#">Delete</a> |

Figure 2.3.12 Products Management Page

The Products Management page provides a comprehensive overview of all products in the system, displaying details such as ID, name, category, price, stock, and availability status. Admins can search for specific products, filter by category, or add new items via the 'Add Product' button. Each product entry includes options to edit or delete, enabling efficient inventory management.

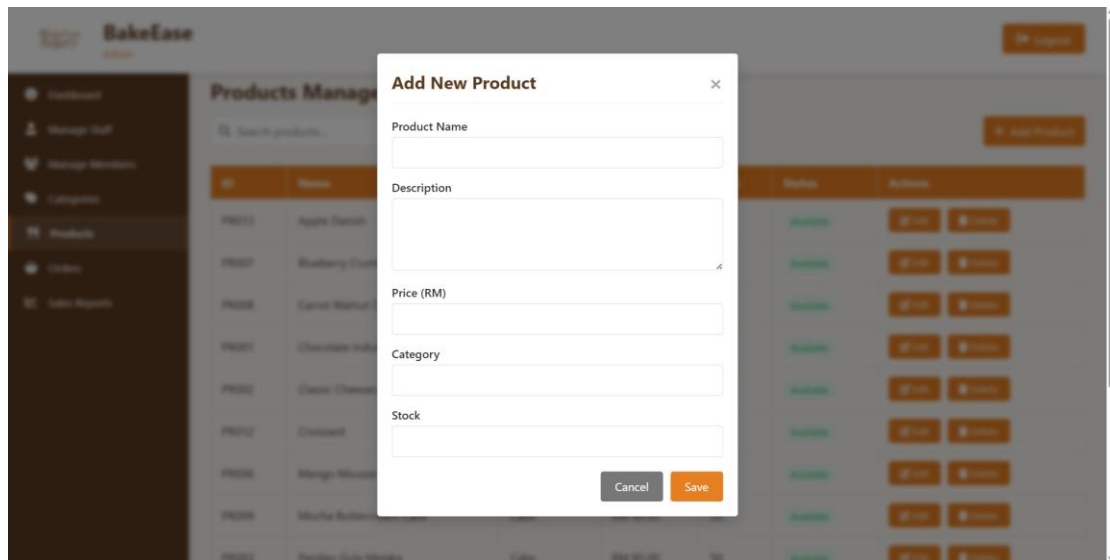


Figure 2.3.13 Add New Product Page

The Add New Product page allows admin to register new items by entering key details such as product name, description, price, category, and stock quantity.

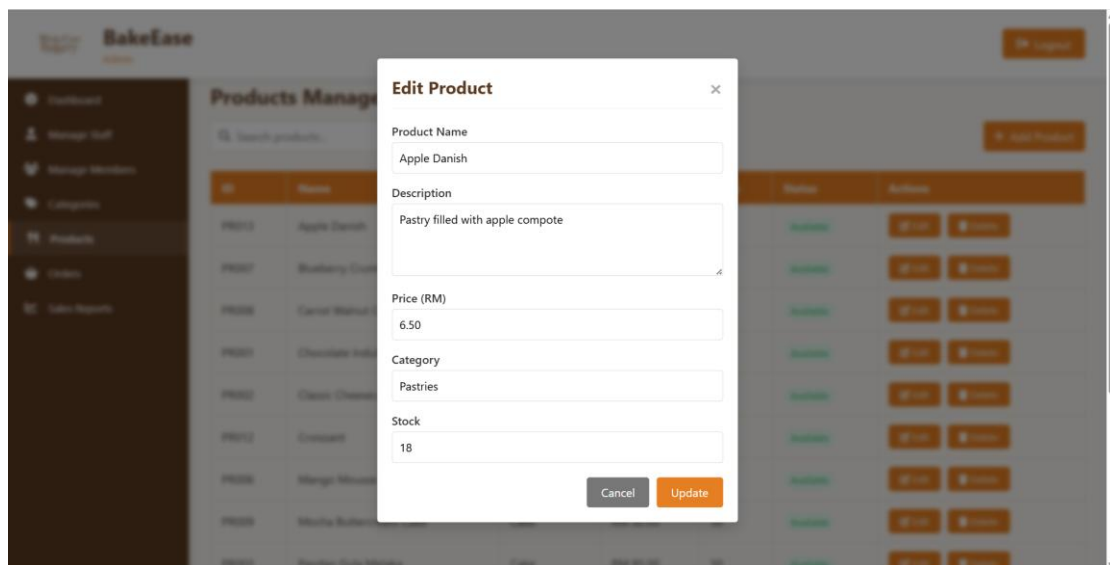


Figure 2.3.14 Edit Product Page

The Edit Product page enables administrators to modify existing product details, including name, description, price, category, and stock levels. The form pre-fills the current values for easy editing. Admins can adjust any field and save changes or cancel the operation.

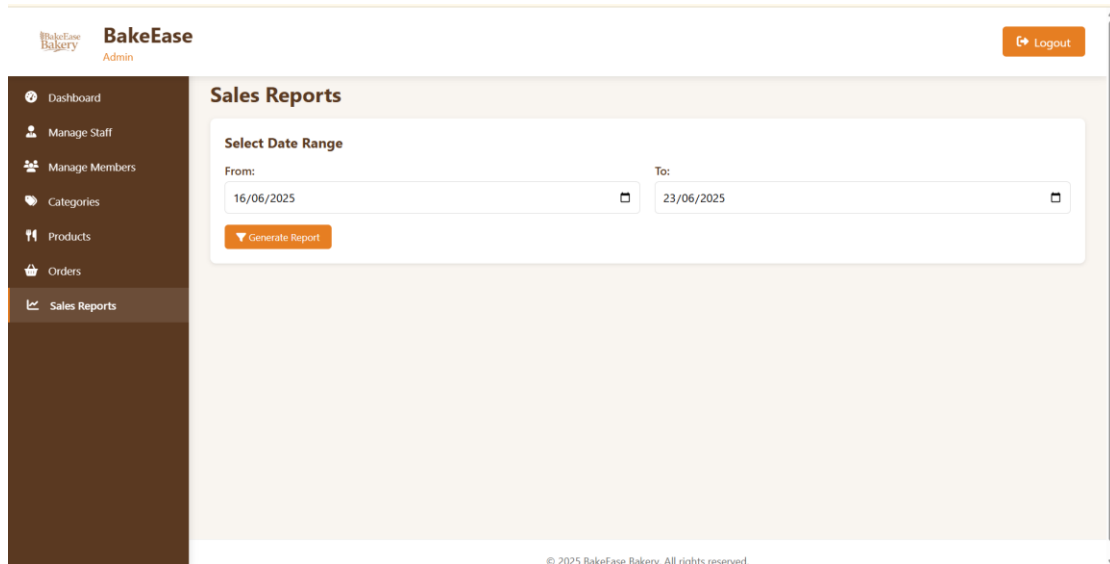


Figure 2.3.15 Sales Report Page

The Sales Reports page allows administrators to generate and analyze sales data by selecting a specific date range. It displays a date picker interface with "From" and "To" fields and a Generate Report button to process the request.

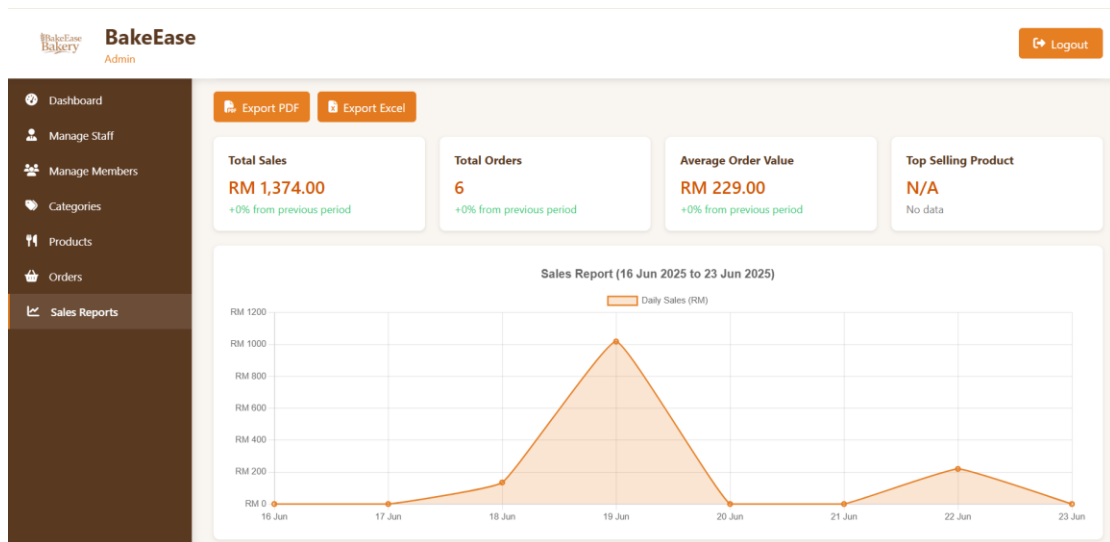


Figure 2.3.16 Sales Report Dashboard

The Sales Report Dashboard allows administrators to analyze sales performance for a selected date range. It displays key metrics including total sales, order count, and average order value, with comparison indicators showing percentage changes from the previous period. The dashboard features an interactive daily sales chart and provides export options (PDF/Excel) for further analysis.

Logout

| Dashboard      | Date       | Order ID | Customer | Items | Total Amount | Status    | Actions              |
|----------------|------------|----------|----------|-------|--------------|-----------|----------------------|
| Manage Staff   | 2025-06-22 | ORD-0036 | ngng     | 0     | RM 130.00    | Pending   | <a href="#">View</a> |
| Manage Members | 2025-06-22 | ORD-0035 | zunyi    | 0     | RM 220.00    | Completed | <a href="#">View</a> |
| Categories     | 2025-06-19 | ORD-0034 | tkyu     | 0     | RM 333.00    | Cancelled | <a href="#">View</a> |
| Products       | 2025-06-19 | ORD-0033 | tkyu     | 0     | RM 342.00    | Completed | <a href="#">View</a> |
| Orders         | 2025-06-19 | ORD-0032 | edwin    | 0     | RM 444.00    | Completed | <a href="#">View</a> |
| Sales Reports  | 2025-06-19 | ORD-0031 | edwin    | 0     | RM 123.00    | Cancelled | <a href="#">View</a> |
|                | 2025-06-19 | ORD-0024 | chuah    | 0     | RM 233.00    | Completed | <a href="#">View</a> |
|                | 2025-06-19 | ORD-0023 | chuah    | 0     | RM 123.00    | Cancelled | <a href="#">View</a> |
|                | 2025-06-18 | ORD-0009 | wong     | 0     | RM 123.00    | Completed | <a href="#">View</a> |
|                | 2025-06-18 | ORD-0008 | chuah    | 0     | RM 12.00     | Completed | <a href="#">View</a> |

Figure 2.3.17 Sales Report Orders Management page

The Orders Management page allows administrators to monitor and process all customer orders. It displays order details including date, order ID, customer name, total amount, and status (Pending/Completed/Cancelled). The interface provides a "View" button to inspect each order's details. The system automatically organizes orders chronologically with the most recent transactions appearing first.

## REFERENCES/BIBLIOGRAPHY

1. Baymard Institute. (2024). The fundamentals of UX research for e-commerce. <https://baymard.com/learn/ux-research>
2. BigCommerce. (2023, November 2). Great ecommerce UX = more sales + happy customers. BigCommerce Blog. <https://www.bigcommerce.com/blog/ecommerce-ux/>
3. Driver Research. (2025, March 27). eCommerce user experience: Improving UX for online shoppers. Driver Research Market Research Blog. <https://www.driverresearch.com/market-research-company-blog/ecommerce-user-experience-market-research-how-to-improve-ux-for-online-shoppers/>
4. Grand View Research. (2024). Online food delivery market size | Industry report, 2030. <https://www.grandviewresearch.com/industry-analysis/online-food-delivery-market-report>
5. Hotjar. (2024). Introduction to ecommerce UX: A step-by-step framework. Hotjar Ecommerce Guide. <https://www.hotjar.com/ecommerce/ux/>
6. Lyssna. (2025, March 30). Ecommerce user experience. Lyssna Blog. <https://www.lyssna.com/blog/ecommerce-user-experience/>
7. Mponela, P., Smith, J., & Johnson, A. (2024). Online food ordering system. ResearchGate. [https://www.researchgate.net/publication/378293405\\_Online\\_Food\\_Ordering\\_System](https://www.researchgate.net/publication/378293405_Online_Food_Ordering_System)
8. Nielsen Norman Group. (2024). Ecommerce UX research report. <https://www.nngroup.com/reports/ecommerce-user-experience/>
9. Pedras, T. (2021, January 15). Applying user research to a small e-commerce website — a UX case study. UX Collective. <https://uxdesign.cc/applying-ux-research-to-a-small-e-commerce-website-a-case-study-89e4b6a1cd2f>
10. Statista. (2025). Online food delivery - worldwide | Market forecast. Statista Market Insights. <https://www.statista.com/outlook/emo/online-food-delivery/worldwide>
11. TopGadgets. (2024, December 30). Online food ordering statistics 2024. CoolestGadgets. <https://www.coolest-gadgets.com/online-food-ordering-statistics/>

12. Toptal. (2018, January 16). E-commerce UX: Essential design strategies and principles. Toptal Design Blog. <https://www.toptal.com/designers/e-commerce/ecommerce-ux-design-principles>
13. TryCake. (2024, June 21). 28 most influential online ordering stats to know in 2024. CAKE Blog. <https://trycake.com/blogs/news/28-most-influential-online-ordering-stats-to-know-in-2024>

### **Additional Relevant URLs**

- E-commerce Platform Resources:

Shopify Developer Documentation: <https://shopify.dev/>

WooCommerce Documentation: <https://woocommerce.com/documentation/>

Magento Developer Guide: <https://developer.adobe.com/commerce/>

- UX/UI Design Resources:

Adobe XD Design Resources: <https://www.adobe.com/products/xd.html>

Figma Community: <https://www.figma.com/community>

Material Design Guidelines: <https://material.io/design>

- Payment Gateway Documentation:

Stripe API Documentation: <https://stripe.com/docs>

PayPal Developer: <https://developer.paypal.com/>

Square Developer: <https://developer.squareup.com/>

- Food Industry Market Research:

IBISWorld Food Services: <https://www.ibisworld.com/industry-trends/market-research-reports/accommodation-food-services/>

National Restaurant Association: <https://restaurant.org/research-and-media/research/>



## APPENDIX

|                            |                                 |
|----------------------------|---------------------------------|
| <b>Meeting No.</b>         | 1                               |
| <b>Project Title</b>       | BakeEase Online Ordering System |
| <b>Date</b>                | 21 May 2025                     |
| <b>Time</b>                | 11.00 a.m. – 12.00 p.m.         |
| <b>Discussion Platform</b> | Google meet                     |

### ATTENDANCE

|                |               |
|----------------|---------------|
| <b>Present</b> | <b>Absent</b> |
| ALL            |               |

| NO | ITEM  | INFO/ACTION |
|----|---|-------------|
| 1  | 1.1 Discuss the dates and time for each meeting to be held.<br>1.2 The decision was made that every Wednesday from 10:00 a.m. to 12:00 p.m. there will be the meeting because no classes are at the same time.  | All         |
| 2  | 2.1 Each Group member must find 2 websites related to the project title.<br>2.2 Zun Yi must do research on how to create a CSS based web page layout.<br>2.3 Soon Kit prepares initial navigation and menu ideas.<br>2.4 Edwin Teo review database schema requirements. | All         |

The meeting adjourned at 11:35 a.m.

Prepared by:

Edwin Teo

|                            |                                 |
|----------------------------|---------------------------------|
| <b>Meeting No.</b>         | 2                               |
| <b>Project Title</b>       | BakeEase Online Ordering System |
| <b>Date</b>                | 28 May 2025                     |
| <b>Time</b>                | 10.00 a.m. – 12.00 p.m.         |
| <b>Discussion Platform</b> | Google meet                     |

#### ATTENDANCE

|                |               |
|----------------|---------------|
| <b>Present</b> | <b>Absent</b> |
| ALL            |               |

| NO | ITEM  | INFO/ACTION |
|----|---|-------------|
| 1  | 1.3 Finalized homepage layout and color scheme.                             | All         |
| 2  | 2.5 Edwin tasked with dynamic products.php page (MySQL & PHP).              | Edwin       |
|    | 2.6 Zun Yi tasked with login, registration, and user profile pages.         | Zun Yi      |
|    | 2.7 Soon Kit tasked with shopping cart (JS + PHP) and checkout integration. | Soon Kit    |

The meeting adjourned at 11:15 a.m.

Prepared by:

Zun Yi

|                            |                                 |
|----------------------------|---------------------------------|
| <b>Meeting No.</b>         | 3                               |
| <b>Project Title</b>       | BakeEase Online Ordering System |
| <b>Date</b>                | 4 June 2025                     |
| <b>Time</b>                | 10.00 a.m. – 12.00 p.m.         |
| <b>Discussion Platform</b> | Google meet                     |

#### ATTENDANCE

|                |               |
|----------------|---------------|
| <b>Present</b> | <b>Absent</b> |
| ALL            |               |

| NO | ITEM   | INFO/ACTION |
|----|--|-------------|
| 1  | 1.4 Implement product list and details from database<br>1.5 Dynamic product pages      | Edwin       |
| 2  | 2.8 Connect login, register, and cart pages with database.<br>2.9 Backend integration. | Zun Yi      |
| 3  | 3.1 Manage localStorage and PHP session/cart logic.<br>3.2 Cart synchronization        | Soon Kit    |

The meeting adjourned at 11:45 a.m.  
Prepared by:

Soon Kit

|                            |                                 |
|----------------------------|---------------------------------|
| <b>Meeting No.</b>         | 4                               |
| <b>Project Title</b>       | BakeEase Online Ordering System |
| <b>Date</b>                | 11 June 2025                    |
| <b>Time</b>                | 10.30 a.m. – 12.00 p.m.         |
| <b>Discussion Platform</b> | Google meet                     |

#### ATTENDANCE

|                |               |
|----------------|---------------|
| <b>Present</b> | <b>Absent</b> |
| ALL            |               |

| NO | ITEM   | INFO/ACTION                      |
|----|--|----------------------------------|
| 1  | 1.6 Review validation, error handling, and cart updates<br>1.7 Testing the system  | All                              |
| 2  | 2.10 Begin filling in report, screenshots, and forms<br>2.11 Report writing<br>2.12 Plan design and screen capture for demonstration | Edwin<br>All<br>Zun Yi, Soon Kit |

The meeting adjourned at 12:00 p.m.

Prepared by:

All

|                            |                                 |
|----------------------------|---------------------------------|
| <b>Meeting No.</b>         | 5                               |
| <b>Project Title</b>       | BakeEase Online Ordering System |
| <b>Date</b>                | 18 June 2025                    |
| <b>Time</b>                | 10.00 a.m. – 12.00 p.m.         |
| <b>Discussion Platform</b> | Google meet                     |

#### ATTENDANCE

|                |               |
|----------------|---------------|
| <b>Present</b> | <b>Absent</b> |
| ALL            |               |

| NO | ITEM   | INFO/ACTION                 |
|----|--|-----------------------------|
| 1  | 1.8 Ensure database and site runs correctly on XAMPP for submission.<br>1.9 Finalize deployment setup.   | Edwin                       |
| 2  | 2.13 Final review of poster design and record demo walkthrough.<br>2.14 Double-check report, screenshots, forms, and source code.<br>2.15 Create zipped folder for Ebwise submission | Zun Yi, Soon Kit<br><br>All |
| 3  | 3.3 Backup & packaging<br>3.4 Submission checklist   | All                         |

The meeting adjourned at 12:00 p.m.

Prepared by:

Edwin

## TWP4213 Internet & Web Publishing (TRI 2510)

### PEER EVALUATION FORM

|                                     |  |
|-------------------------------------|--|
| <b>Project Title</b>                | <b>: BakeEase Online Ordering System</b> |
| <b>Evaluator (Your ID and Name)</b> | <b>: 1231203190 EDWIN TEO YUAN JING</b>  |
| <b>Team Mate 1 ID and Name</b>      | <b>: 1231201459 CHAN ZUN YI</b>          |
| <b>Team Mate 2 ID and Name</b>      | <b>: 1231201251 WONG SOON KIT</b>        |

| <b>Marks &amp; Descriptions</b>  | <b>0M – 0.5M</b>   | <b>0.6M- 1.2M</b>  | <b>1.3M-2.0M</b>   | <b>Team Mate 1</b> | <b>Team Mate 2</b> | <b>Team Mate 3</b> |  |
|--|--|--|--|--------------------|--------------------|--------------------|--|
| <b>Participated in group discussions.</b>  | Rarely attended or reluctant to attend meetings to discuss project matters.  | Attended most of the meetings to discuss project matters.  | Attended all of the meetings to discuss the project matters.   | 2                  | 2                  | 2                  |  |
| <b>Contributed useful ideas to the project.</b>                                      | Rarely contributed ideas towards the project.  | Contributed some ideas towards the project.  | Contributed many ideas towards the project.  | 2                  | 2                  | 2                  |  |
| <b>Completed the assigned tasks accurately with good quality</b>                     | Rarely completed tasks given on time and with major changes to be made   | Completed some tasks but with minor changes.   | All tasks given were completed on time and with good quality with minor changes.   | 2                  | 2                  | 2                  |  |
| <b>Helped the other team member when needed.</b>                                     | Rarely helped the team members to solve their problems.  | Sometimes helped the team members to solve their problems.   | Always helped team members to solve their problems.  | 2                  | 2                  | 2                  |  |
| <b>Overall, the student has worked well in order to complete the entire project.</b> | Lack of ability to identify problem and take initiative to resolve the problem encountered throughout the project. | Show little ability to identify problem and take initiative to resolve the problem encountered throughout the project. | Show ability to identify problem and take initiative to resolve the problem encountered throughout the project most of the time. | 2                  | 2                  | 2                  |  |
| <b>TOTAL MARKS(10M)</b>  |  |  |  | <b>10</b>          | <b>10</b>          | <b>10</b>          |  |

#### Comments

All good. Thank You.

*Remarks: Peer evaluation (out of 10) is scaled to 100%, and it is used as part of the project weightage.*

**TWP4213 Internet & Web Publishing (TRI 2510)**  
**PEER EVALUATION FORM**

|                                     |  |
|-------------------------------------|--|
| <b>Project Title</b>                | <b>: BakeEase Online Ordering System</b> |
| <b>Evaluator (Your ID and Name)</b> | <b>: 1231201251 WONG SOON KIT</b>        |
| <b>Team Mate 1 ID and Name</b>      | <b>: 1231203190 EDWIN TEO YUAN JING</b>  |
| <b>Team Mate 2 ID and Name</b>      | <b>: 1231201459 CHAN ZUN YI</b>          |

| <b>Marks &amp; Descriptions</b>  | <b>0M – 0.5M</b>   | <b>0.6M- 1.2M</b>  | <b>1.3M-2.0M</b>   | <b>Team Mate 1</b> | <b>Team Mate 2</b> | <b>Team Mate 3</b> |  |
|--|--|--|--|--------------------|--------------------|--------------------|--|
| <b>Participated in group discussions.</b>  | Rarely attended or reluctant to attend meetings to discuss project matters.  | Attended most of the meetings to discuss project matters.  | Attended all of the meetings to discuss the project matters.   | 2                  | 2                  | 2                  |  |
| <b>Contributed useful ideas to the project.</b>                                      | Rarely contributed ideas towards the project.  | Contributed some ideas towards the project.  | Contributed many ideas towards the project.  | 2                  | 2                  | 2                  |  |
| <b>Completed the assigned tasks accurately with good quality</b>                     | Rarely completed tasks given on time and with major changes to be made   | Completed some tasks but with minor changes.   | All tasks given were completed on time and with good quality with minor changes.   | 2                  | 2                  | 2                  |  |
| <b>Helped the other team member when needed.</b>                                     | Rarely helped the team members to solve their problems.  | Sometimes helped the team members to solve their problems.   | Always helped team members to solve their problems.  | 2                  | 2                  | 2                  |  |
| <b>Overall, the student has worked well in order to complete the entire project.</b> | Lack of ability to identify problem and take initiative to resolve the problem encountered throughout the project. | Show little ability to identify problem and take initiative to resolve the problem encountered throughout the project. | Show ability to identify problem and take initiative to resolve the problem encountered throughout the project most of the time. | 2                  | 2                  | 2                  |  |
| <b>TOTAL MARKS(10M)</b>  |  |  |  | <b>10</b>          | <b>10</b>          | <b>10</b>          |  |

**Comments**

*Please provide evidence (exp: email or group chat no response)and comments when evaluating a peer member who **has scored 5 or lower.***

*Remarks: Peer evaluation (out of 10) is scaled to 100%, and it is used as part of the project weightage.*

**TWP4213 Internet & Web Publishing (TRI 2510)**  
**PEER EVALUATION FORM**

|                                     |  |
|-------------------------------------|--|
| <b>Project Title</b>                | <b>: BakeEase Online Ordering System</b> |
| <b>Evaluator (Your ID and Name)</b> | <b>: 1231201459 CHAN ZUN YI</b>          |
| <b>Team Mate 1 ID and Name</b>      | <b>: 1231203190 EDWIN TEO YUAN JING</b>  |
| <b>Team Mate 2 ID and Name</b>      | <b>: 1231201251 WONG SOON KIT</b>        |

| <b>Marks &amp; Descriptions</b>  | <b>0M – 0.5M</b>   | <b>0.6M- 1.2M</b>  | <b>1.3M-2.0M</b>   | <b>Team Mate 1</b> | <b>Team Mate 2</b> | <b>Team Mate 3</b> |  |
|--|--|--|--|--------------------|--------------------|--------------------|--|
| <b>Participated in group discussions.</b>  | Rarely attended or reluctant to attend meetings to discuss project matters.  | Attended most of the meetings to discuss project matters.  | Attended all of the meetings to discuss the project matters.   | 2                  | 2                  | 2                  |  |
| <b>Contributed useful ideas to the project.</b>                                      | Rarely contributed ideas towards the project.  | Contributed some ideas towards the project.  | Contributed many ideas towards the project.  | 2                  | 2                  | 2                  |  |
| <b>Completed the assigned tasks accurately with good quality</b>                     | Rarely completed tasks given on time and with major changes to be made   | Completed some tasks but with minor changes.   | All tasks given were completed on time and with good quality with minor changes.   | 2                  | 2                  | 2                  |  |
| <b>Helped the other team member when needed.</b>                                     | Rarely helped the team members to solve their problems.  | Sometimes helped the team members to solve their problems.   | Always helped team members to solve their problems.  | 2                  | 2                  | 2                  |  |
| <b>Overall, the student has worked well in order to complete the entire project.</b> | Lack of ability to identify problem and take initiative to resolve the problem encountered throughout the project. | Show little ability to identify problem and take initiative to resolve the problem encountered throughout the project. | Show ability to identify problem and take initiative to resolve the problem encountered throughout the project most of the time. | 2                  | 2                  | 2                  |  |
| <b>TOTAL MARKS(10M)</b>  |  |  |  | <b>10</b>          | <b>10</b>          | <b>10</b>          |  |

**Comments**

*Please provide evidence (exp: email or group chat no response)and comments when evaluating a peer member who **has scored 5 or lower.***

*Remarks: Peer evaluation (out of 10) is scaled to 100%, and it is used as part of the project weightage.*