

BrewEase: Coffee Shop Order Management System

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Operations Optimization, Iterative
Development, Management
Information System

Abstract

The growing coffee shop industry demands efficient systems to enhance service and streamline operations. BrewEase is a web-based Coffee Shop Order Management System developed using PHP, MySQL, JavaScript, and Tailwind CSS within the MVC architecture. It aims to improve customer experience, automate orders, and integrate a loyalty points program. Key features include menu and payment management, as well as sales analytics and reporting. Compared to manual processes and generic POS systems, BrewEase offers improved order accuracy, faster service, and customer retention through its loyalty program. Developed using an iterative methodology, the system is scalable and user-friendly for customers, cashiers, and managers. BrewEase demonstrates how tailored digital solutions can enhance operational efficiency, user satisfaction, and business performance.

1. Introduction

BrewEase is a web-based Coffee Shop Order Management System designed to modernize the operations of The Perfect Place, a home-based coffee shop in Taman Mawar, Pasir Gudang, Johor. Established on 1st November 2023, The Perfect Place has seen rapid growth in its customer base, necessitating an efficient system to manage orders, improve customer satisfaction, and streamline daily operations. Small coffee shops are increasingly adopting digital technologies to enhance their services. For instance, Odeko provides a platform that allows users to customize orders, schedule pick-up times, and have orders delivered directly to their cars, significantly improving convenience and efficiency. [1]

The existing system at The Perfect Place lacks key features such as online ordering, sales analytics, and loyalty card management, which are essential for modern customer engagement. According to a report by Small Business Trends [2], digital tools like online ordering and customer relationship management systems are critical for enhancing customer satisfaction and driving repeat business. Without these features, the coffee shop faces challenges such as delayed orders, inefficiencies in tracking sales, and missed opportunities for engaging loyal customers. This project aims to achieve the following three main objectives:

- i. To analyze and design BrewEase using Object-Oriented Approach.
- ii. To develop web-based application for BrewEase.
- iii. To test the BrewEase's function using User Acceptance Testing.

The system adopts an iterative development approach to ensure continuous improvement and user-centric design. BrewEase addresses these challenges through a comprehensive system offering features like online ordering, sales analytics, and a loyalty card management module. Loyalty programs are essential for building customer relationships and encouraging repeat business. Digital loyalty programs enable coffee shops to connect with customers on a personal level, track preferences, and offer tailored rewards, setting them apart from competitors. [3]

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The rest of the paper is organized as follows: Section 2 discusses literature review and existing technologies in the field; Section 3 describes the methodology; Section 4 describes the analysis and design of the proposed system; Section 5 focuses on implementation and testing and finally, the concluding section summarizes the findings and suggests potential improvements that could be made in future versions of the application.

1.1 Scope

The scope focuses on a single workspace located at No 43, Jalan Mawar 9, Taman Mawar, 81700 Pasir Gudang, Johor. Information retrieval for the system involves Mr. Izham Aziz, the Managing Director of The Perfect Place. The system will incorporate both front-end and back-end components, providing enhanced functionalities for cashiers, customers, and management. Table 1 shows the modules overview of BrewEase system.

Table 1 *Modules Overview for BrewEase system*

Modules		Overview
1.	Sign Up	This module facilitates customer account creation and management, ensuring smooth access to the system's features.
2.	Login	This module enables existing users to access their accounts by entering their credentials. The system then redirects them to their appropriate dashboards.
3.	User Management	This module allows the manager to manage users within the system. The manager can view the user list, add new users (e.g., cashiers), update existing user details, and deactivate or delete user accounts.
4.	Menu Management	This module allows the manager to maintain the coffee shop's product menu by adding, updating, or deleting menu items and categories. It also allows customers and cashiers to browse the menu items.
5.	Cart Management	This module allows customers to manage items they want to purchase before checkout. Customers can add items to the cart from the menu, view their cart, update item quantity, or remove items. The cart also calculates the total price dynamically.
6.	Order Management	This module enables the management and tracking of customer orders. Customers can view their order history and details. Cashiers and managers can view all orders, update order status and access detailed information for each order. Cashier can also place orders for offline customers.
7.	Payment Processing Method	This module allows customers to select their preferred payment method (Cash, Credit Card, or Online Banking) during checkout. The system records the selected method along with the order for internal tracking. No real payment gateway is integrated.
8.	Loyalty Points Management	This module handles the accumulation and automatic redemption of loyalty points for customers. Customers earn 1 point per RM1 spent. When they reach 1000 points, a free coffee is automatically applied at checkout. The system also displays point balances and redemption status on the customer profile page.

Table 1 *Modules Overview (continued)*

9.	Sales Analytic and Reporting	This module allows managers to view and analyze sales data based on various parameters. It provides insights into total revenue, top-selling products, number of orders, sales trends, and filterable reports. This helps in making informed business decisions.
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2. Literature Review

This paper presents a literature review focusing on analyzing and examining relevant concepts, background and the technologies involved in BrewEase, a web-based application that aims to streamline the business of small coffee shop, The Perfect Place. It discusses domain background, related terms, examine technology and algorithm that will be used, study of existing system and conclude with an analysis of gaps addressed by BrewEase.

2.1 Domain Background

According to NetSuite [4], small coffee shops often rely on manual order management processes, which can lead to inefficiencies and errors. Manual order processing is complex, time-consuming, and leads to increased fulfillment costs. Some fundamental challenges businesses face when processing orders manually include inadequate inventory to fulfill orders and a lack of real-time visibility into inventory across different sales locations. As highlighted by The Enterprisers Project, [4] Digital transformation is imperative for all businesses, from small to enterprise. It involves adopting digital tools to improve efficiency, value, or innovation. By enhancing organizational processes, culture, and customer experience through technology, businesses can meet changing market demands in the digital age.

2.2 Management Information System

Management Information System (MIS) is a framework that supports the collection, processing, storage, and dissemination of information within organizations to enhance decision-making and operational efficiency. By integrating people, processes, and technology, MIS provides valuable insights and streamlines workflows, making it a critical tool for modern business operations [5]. For small businesses like The Perfect Place, implementing an MIS can automate routine tasks such as order processing and sales reporting, reducing human error and improving efficiency. Furthermore, it provides insights into customer preferences and business performance, allowing businesses to adapt to market trends and enhance customer satisfaction [6].

2.3 System Development Tools

BrewEase development utilizes Visual Studio Code as the primary integrated development environment (IDE) for coding and debugging. The front-end is built using HTML, CSS, and JavaScript, ensuring a responsive and user-friendly interface. The back end employs PHP for server-side scripting, enabling seamless data processing and interaction with the database. MySQL is used for database management, providing reliable storage and efficient handling of customer, order, and sales data.

2.4 Comparison with the Existing Systems

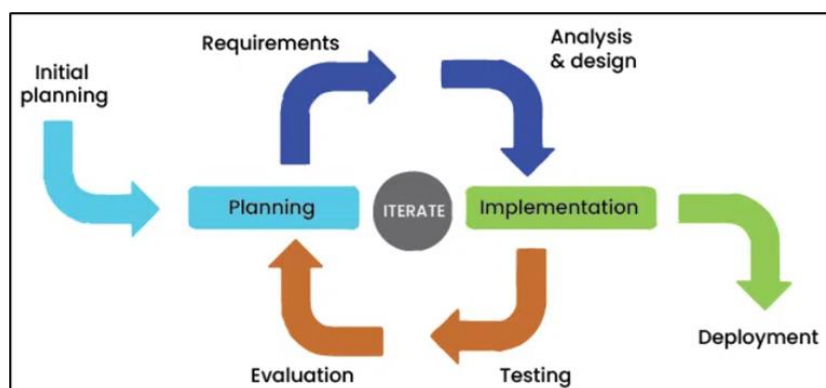
In this section, three existing systems that are comparable to the system being developed will be analyzed. An analysis is conducted on the characteristics and operations of the current systems, followed by a comparison with the BrewEase that was developed. Three comparable existing systems that have been selected are Foodpanda [7], KFC Malaysia [8] and GloriaFood [9]. Table 2 shows the comparison between existing system and developed system.

Table 2 Comparison between Existing Systems and Developed System

Features / System	Foodpanda	KFC Malaysia	GloriaFood	BrewEase
System Type	Web-based, Android based and iOS based	Web-based, Android based and iOS based	Web-based, Android based and iOS based	Web-based Application
Sign Up	Yes	Yes	Yes	Yes
Login/Logout	Yes	Yes	Yes	Yes
User Management	Yes	Yes	Yes	Yes
Menu Management	Yes	No	Yes	Yes
Cart Management	Yes	Yes	Yes	Yes
Order Management	Yes	Yes	Yes	Yes
Payment Processing Method	Online, cash on delivery	Online, cash on delivery	Online, cash on delivery	Online Banking, Credit Card, Cash
Loyalty Points Management	No	No	No	Yes
Sales Analytic and Reporting	Yes	No	Yes	Yes

3. Methodology

The Iterative Model divides software development into smaller, measurable phases, with each phase building upon the previous one. This approach allows for incremental improvements throughout the development cycle, enabling the delivery of progressively refined software versions [10]. After completing the initial broad planning, each iteration is thoroughly executed and rigorously tested until deployment. Each iteration undergoes initial testing before system-wide integration, with acceptance or rejection decisions made at various stages. In the SDLC iterative model, developers can revisit earlier phases to make necessary changes. This process continues from the project's inception to the final delivery of the product. Figure 1 illustrates the progression of the Iterative Model.

**Fig.1** Iterative Model [10]

The Iterative methodology was utilized in developing the BrewEase project, following the iterative SDLC model. The process was divided into phases: Planning, Analysis, Design, Development, Testing, Review, and Deployment, structured across three iterations. Interviews and observations were conducted with The Perfect Place's staff to gather data, focusing on their operational needs and challenges. Each phase addressed specific objectives, such as designing prototypes, integrating backend services, and testing functionality. During development, Visual Studio Code was employed as the primary IDE, PHP was used for server-side scripting, and MySQL for database management. The paper also presents a System Development Workflow, organizing the development process into three (3) iterations to ensure that the system's core aspects are systematically planned, designed, developed, and tested.

4. Analysis And Design

The system analysis and design of the study are presented such as functional requirements with nine (9) modules, non-functional requirements such as usability, security, operational, and integrity, user requirement analysis which are under system requirements analysis section. In addition, the use case diagram can help to define the scope and context whereas class diagram helps to define the refining and implement the functional requirements of the proposed system. Moreover, the architecture and interface design are discussed in detail. Activity diagrams and sequence diagrams are attached in Appendix A and B respectively.

4.1 Use Case Diagram

Figure 2 shows the use case diagram of the proposed system. This use case diagram illustrates the core functionalities of the system and how different actors interact with key processes such as user management, order processing, and loyalty points tracking. Customers engage in tasks like browsing menu, placing orders, managing carts, making payments, and viewing orders, while managers and cashiers handle menu management, order processing, and sales analytics. Each use case represents a critical system feature, ensuring smooth workflow and user interactions. This diagram provides a clear structural overview of how the system supports business operations efficiently.

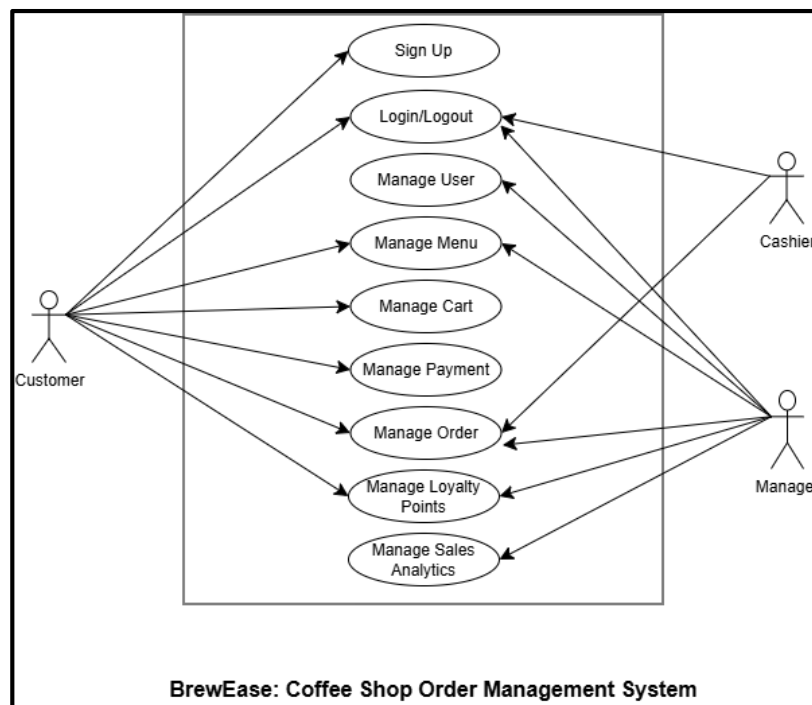


Fig. 2 Use Case Diagram for BrewEase

4.2 Class Diagram

Figure 3 shows the class diagram for BrewEase system. This class diagram outlines the relationships between key entities in the system, including Customers, Users, Products, Orders, Carts, and Loyalty History. Customers can place orders, manage carts, and earn loyalty points, while orders contain multiple order items linked to products.

Products belong to categories, ensuring structured classification. Users manage orders and products, facilitating smooth operations. Loyalty history tracks points earned and redeemed, tying customer rewards to transactions. The diagram effectively models system interactions, ensuring efficient data flow and business management.

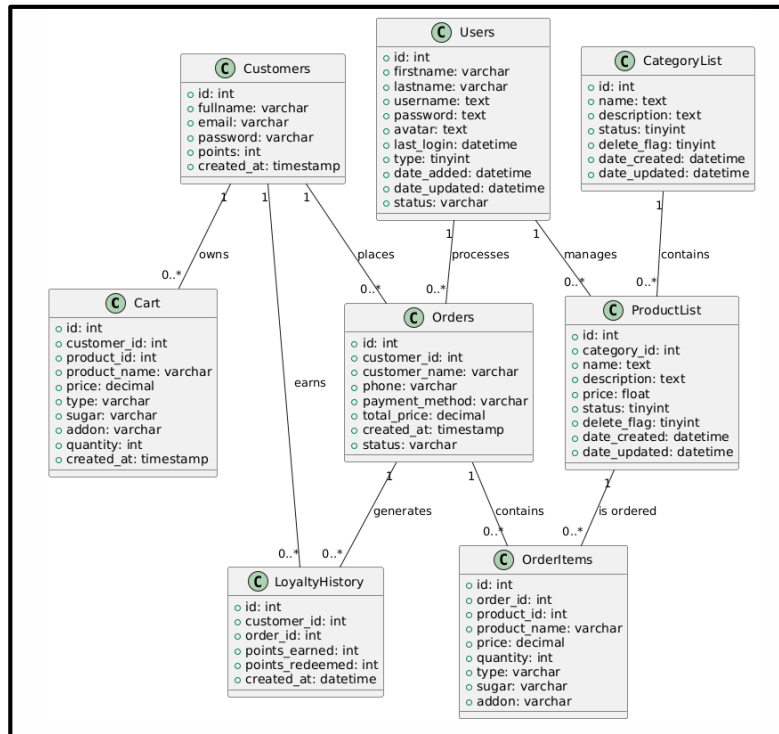


Fig.3 Class Diagram for BrewEase

4.3 General System Architecture

Figure 4 shows the MVC Architecture used for developing BrewEase system, highlighting its structured approach to managing online coffee shop operations. As a web-based application accessible via the Internet, the system is designed for efficiency in handling transactions. The MVC framework enhances modularity, maintainability, and scalability by distinctly separating the data, logic, and interface layers, ensuring a well-organized and adaptable system.

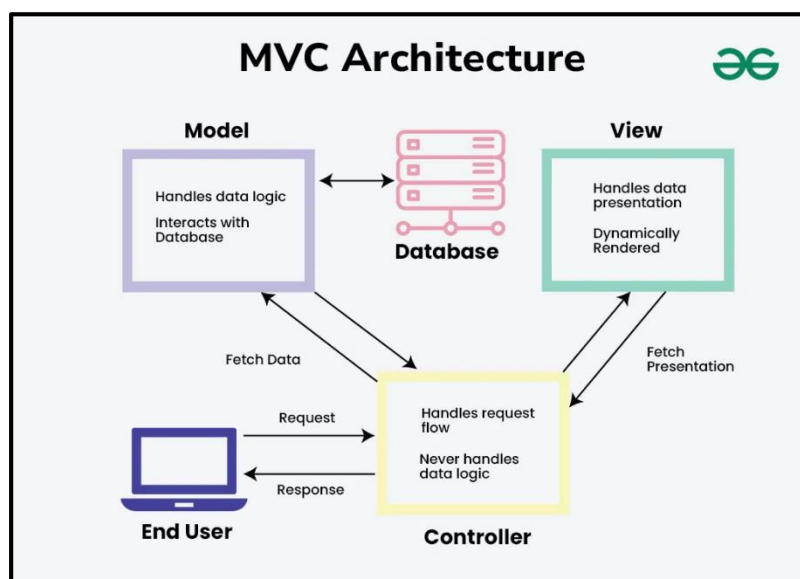


Fig. 4 MVC Architecture [11]

4.4 Interface Design

In this section, each interface of the system module will be shown and discussed. The interfaces shown in each system module are wireframes that represent the illustration of each page interface. The interfaces are created using Canva, an open-source design tool. Figure 5 shows the interface design of overall BrewEase system.

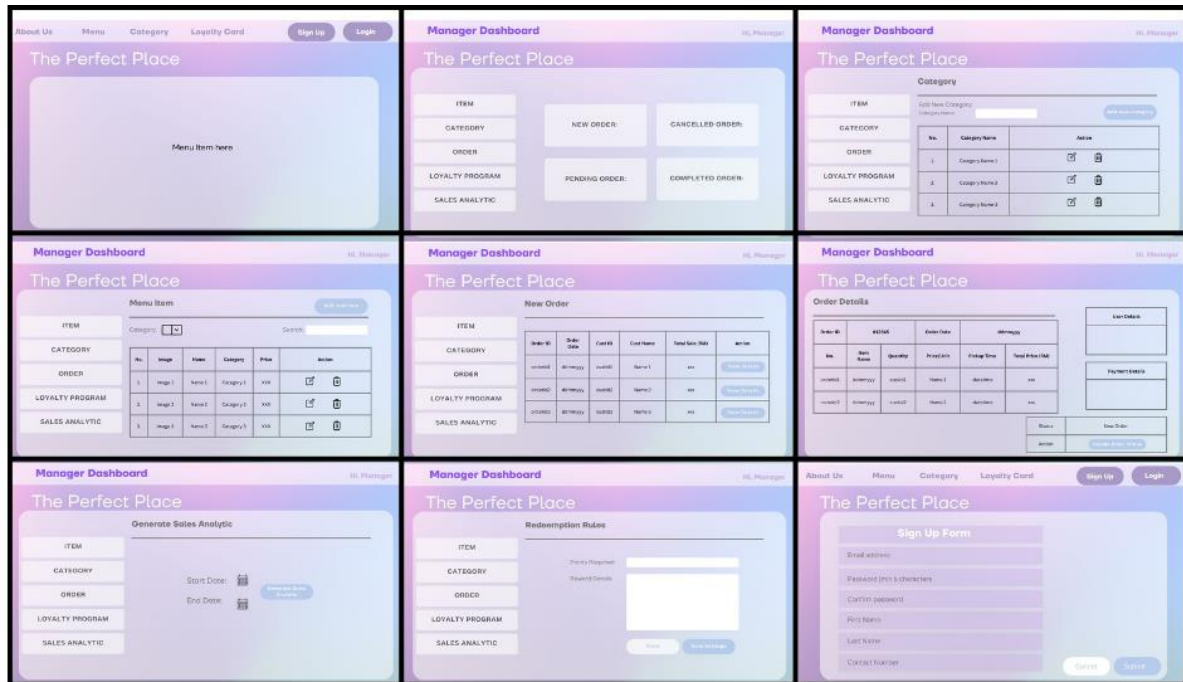


Fig. 5 Wireframes of BrewEase system

5. Implementation and Testing

This section discusses the development of functional modules in a system. The BrewEase system is a PHP-based web app with nine core modules, using HTML, Tailwind CSS, and JavaScript for the frontend and PHP with MySQL for the backend. It runs locally on XAMPP, with phpMyAdmin for database management and Visual Studio Code for development. Built for modularity and scalability, it ensures efficient maintenance and future enhancements.

5.1 System Implementation

This section discusses the development of functional modules in a system. This section only shows the snapshots of the core functionalities of the system which are user management, order management, cart management, and loyalty points management. The snapshots for other modules are attached in Appendix D.

5.1.1 User Management

BrewEase implements a role-based login system to manage access for two types of users: Manager (type = 1) and Cashier (type = 2). Upon successful login, users are redirected to their respective dashboards. Authentication ensures secure access, while role-based control restricts features based on user type. Passwords are securely stored using hashing, and session-based authentication is used to maintain login status. Figure 6 shows a snapshot of the login page for each user and their respective dashboards.

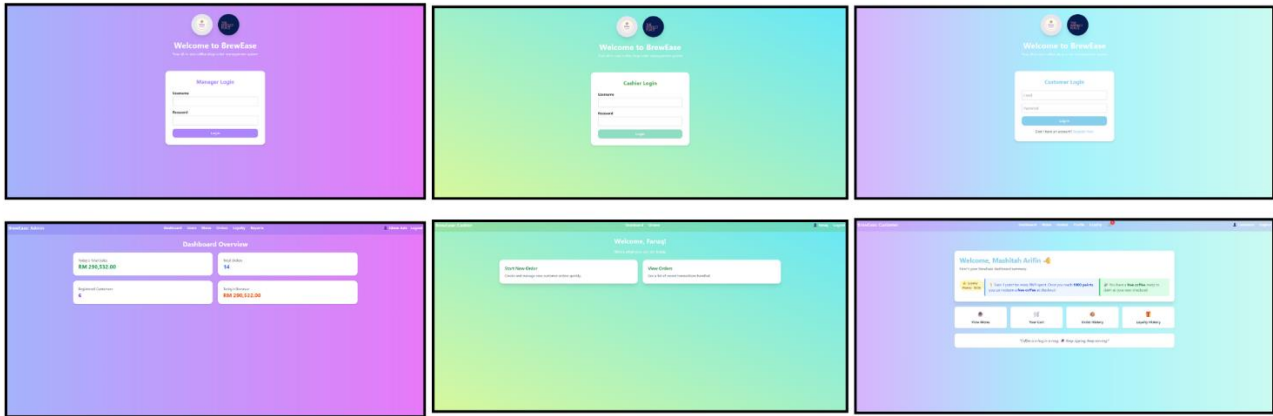


Fig. 6 Login Pages and Corresponding Dashboards for Manager, Cashier, and Customer Roles

5.1.2 Menu Management

BrewEase allows Manager to manage the coffee shop's product list through a dedicated interface. Manager can add, edit, or delete menu items, each with customizable details including category, description, price, and availability status. Only products marked as active (status = 1) and not soft-deleted (delete_flag = 0) are visible to cashiers during order-taking and to customers during order placement. This ensures accurate and real-time control over the menu. Figure 7 shows a snapshot of the menu management page and the actions to add or edit menu.

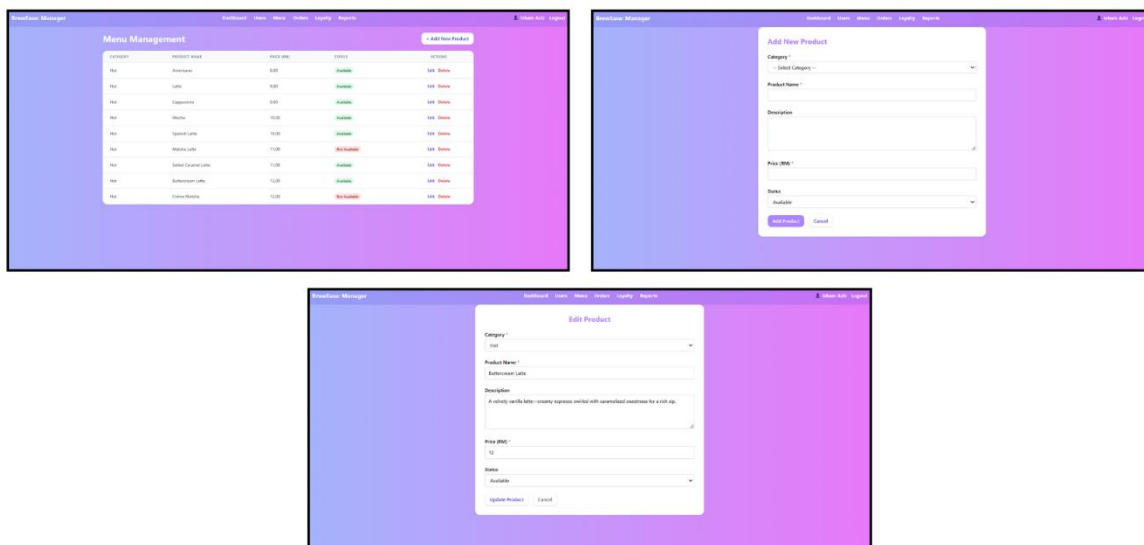


Fig. 7 Menu Management Page, Add Menu Form, and Edit Menu Form

5.1.3 Cart Management

BrewEase provides a cart feature for customers to manage their orders before checkout. Customers can browse available products, select desired items, customize options, and add them to their personal cart. The cart dynamically displays the selected items, quantities, prices, and a calculated total. Customers can update or remove items from the cart before proceeding to checkout. This ensures flexibility and control over their order before finalizing the purchase. Figure 8 illustrates the cart management pages for customers.

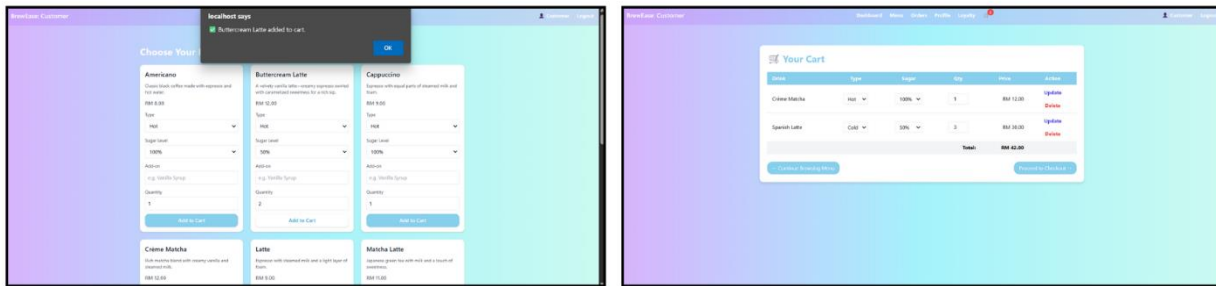


Fig. 8 Cart Management Pages (Customer's Side)

5.1.4 Loyalty Points Management

BrewEase includes an automated loyalty program to reward repeat customers. For every RM1 spent, customers earn 1 loyalty point, which is automatically tracked and stored in their profile. Once a customer accumulates 1,000 points, the system automatically applies a free drink during checkout without requiring manual redemption. Customers can view their current point balance on their profile page. If a free drink is available, the system displays a message such as "You have a free coffee ready!". Figure 9 illustrates the loyalty points management pages for customers.

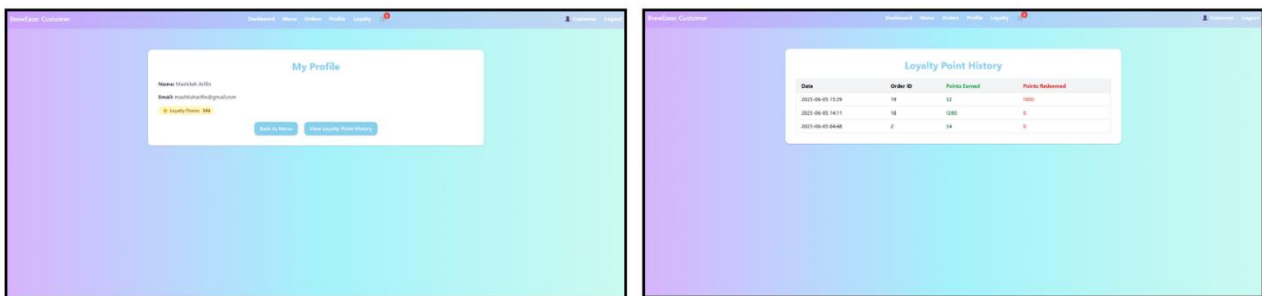


Fig. 9 Loyalty Points Management Pages (Customer's Side)

5.2 System Testing

The testing phase aims to evaluate the system's overall functionality. This section covers two main testing approaches: system testing and user acceptance testing.

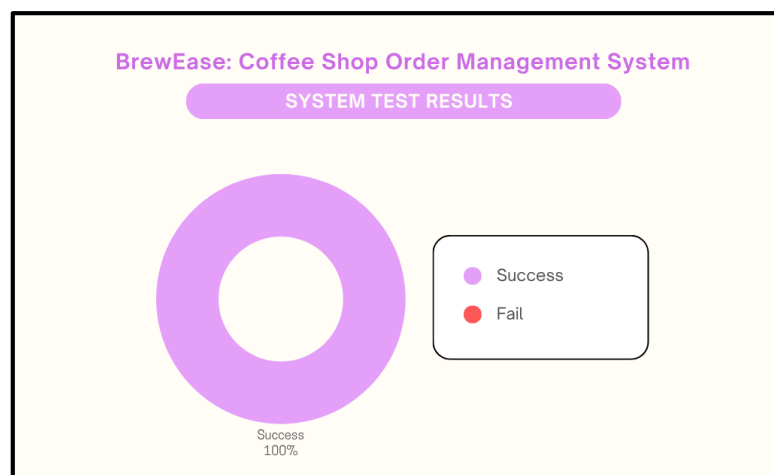
Table 3 Overall Test Result of System Testing

Test Case	Total Test Cases	Total Success	Total Failed
TC_100	6	6	0
TC_200	17	17	0
TC_300	8	8	0
TC_400	13	13	0
TC_500	12	12	0
TC_600	18	18	0

Table 3 Overall Test Result of System Testing (continued)

TC_700	8	8	0
TC_800	12	12	0
TC_900	10	10	0
Total	104	104	0

System testing involved 104 test cases, all of which passed, achieving a 100% success rate with no failures recorded. The overall test result is summarized using a pie chart as depicted in Figure 9. The figure shows that the system passed all test cases.

**Fig. 10** System Test Results for BrewEase

5.3 User Acceptance Testing

User Acceptance Testing (UAT) ensures that the software meets user expectations, fulfills requirements, and performs effectively. It is a key evaluation phase where end-users and stakeholders validate its functionality before deployment. The UAT form is included in Appendix C for reference.

6. Conclusion

The BrewEase system successfully streamlines coffee shop operations by enabling customers to place orders, manage loyalty points, and track purchase history, while allowing administrators to oversee users, products, orders, and reports efficiently. Its automated processes enhance operational efficiency, reducing errors and saving time, while a user-friendly interface and role-based access improve navigation and security. However, limitations include the use of a dummy payment method, lack of mobile responsiveness, absence of real-time inventory tracking, and basic reporting features. Future improvements could include integrating a payment gateway, optimizing mobile usability, automating inventory tracking, and adding advanced analytics to enhance system functionality and scalability.

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The authors would like to thank the Faculty of Computer Science and Information Technology, Universiti Tun Hussein Onn Malaysia for its support.

Conflict of Interest

The authors declare that there is no conflict of interest regarding the publication of the paper.

Author Contribution

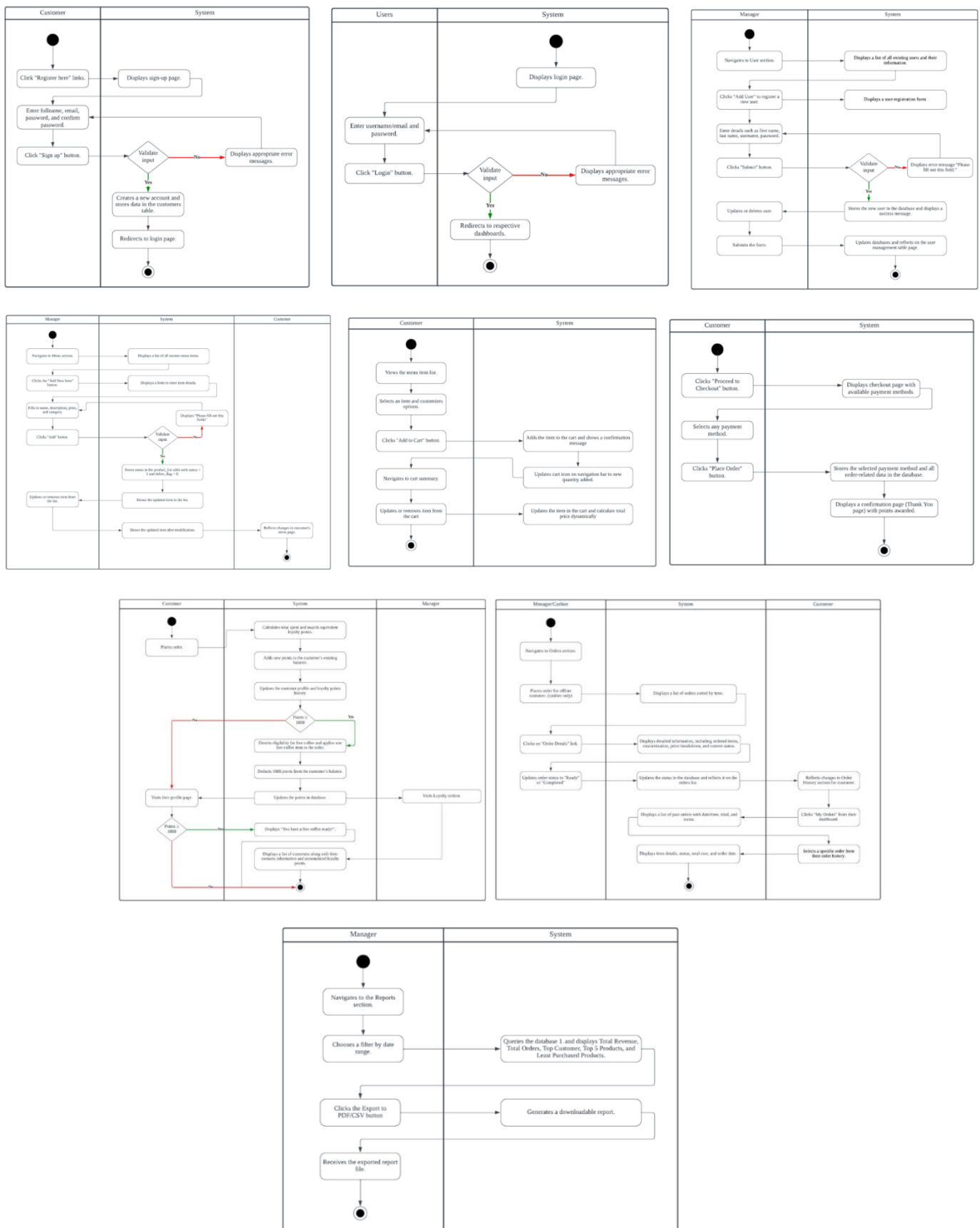
This journal requires that all authors take public responsibility for the content of the work submitted for review. The contributions of all authors must be described in the following manner:

*The authors confirm contribution to the paper as follows: **study conception and design:** Mashitah binti Mohd Arifin, Norhanim binti Selamat; **data collection:** Mashitah binti Mohd Arifin; **analysis and interpretation of results:** Mashitah binti Mohd Arifin; **draft manuscript preparation:** Mashitah binti Mohd Arifin. All authors reviewed the results and approved the final version of the manuscript.*

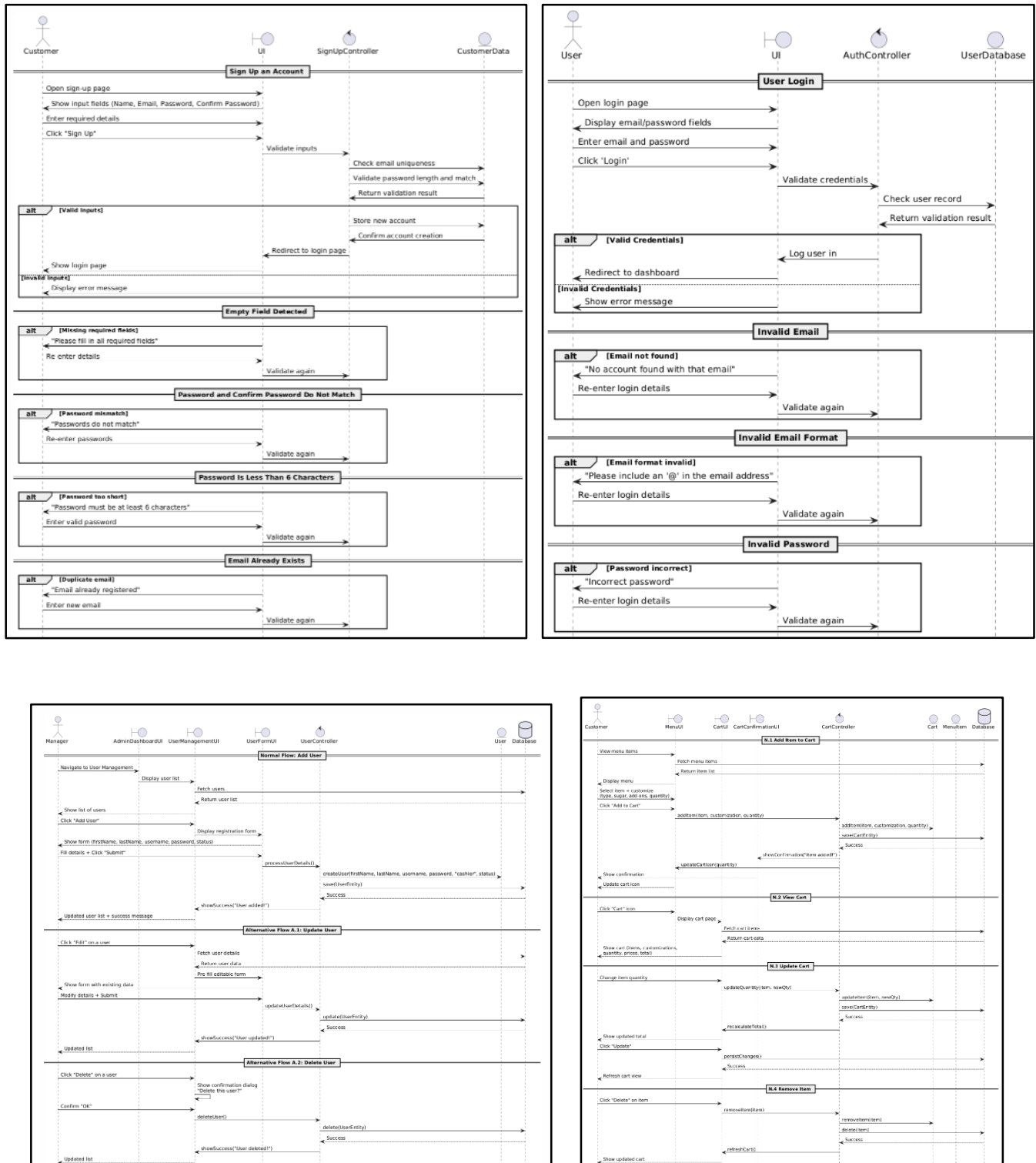
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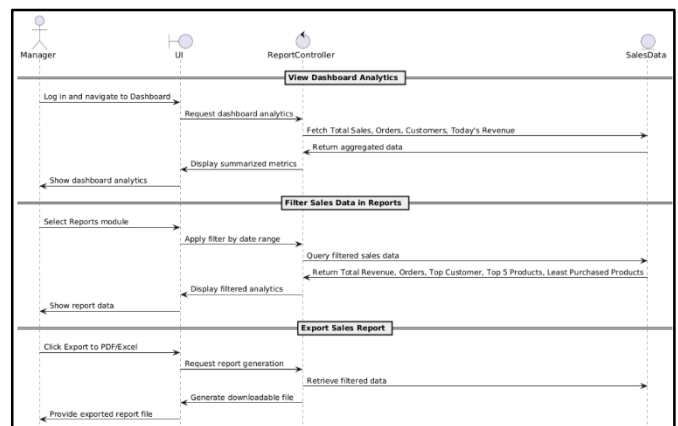
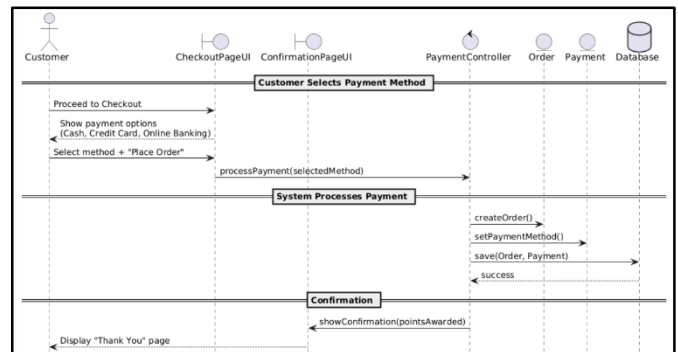
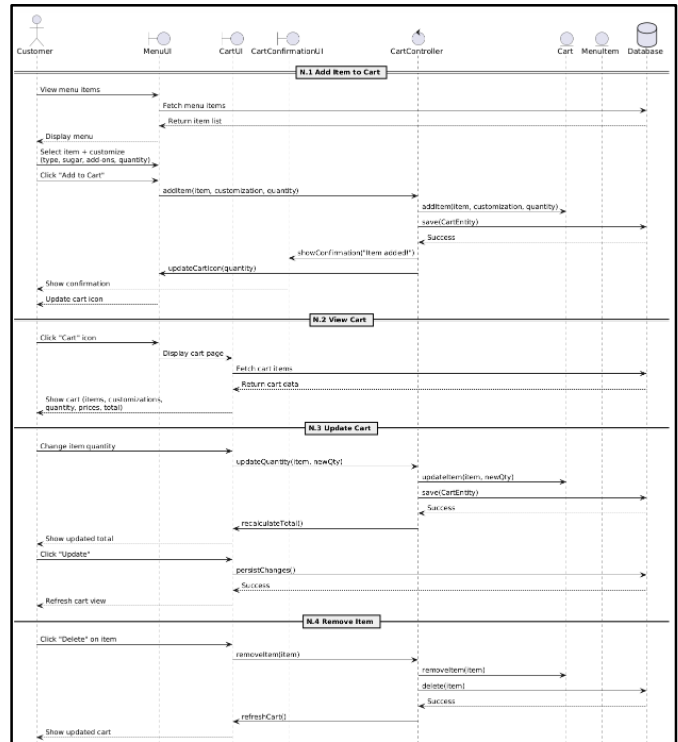
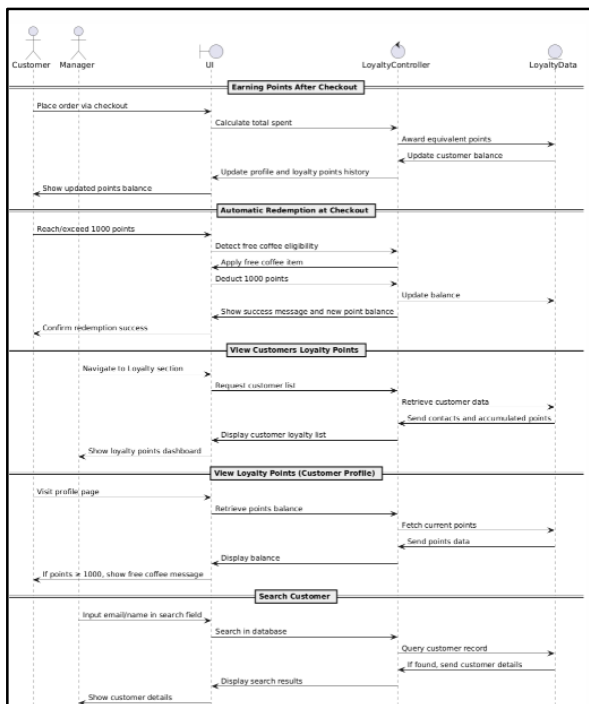
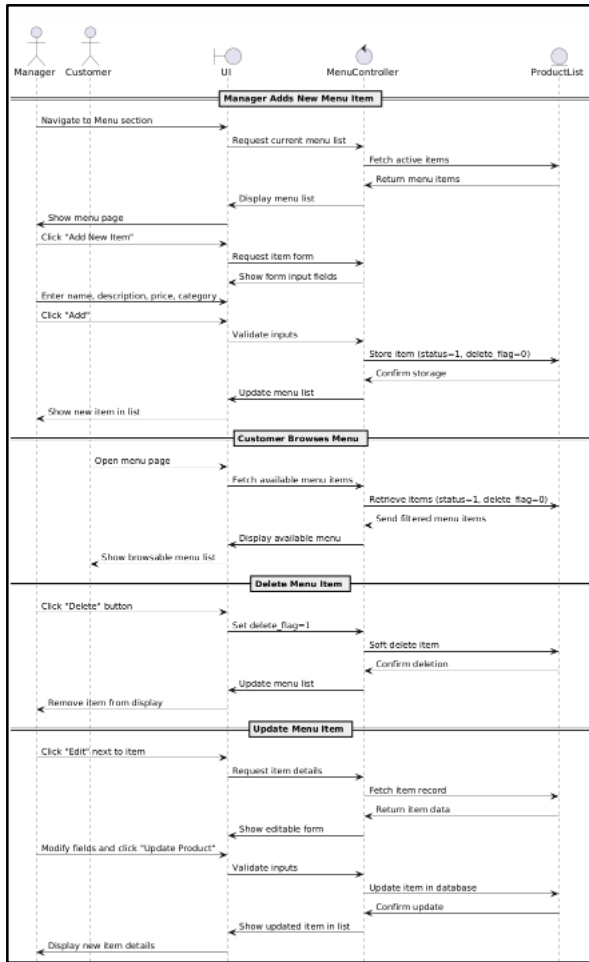
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Appendix A: Activity Diagram



Appendix B: Sequence Diagram





Appendix C: User Acceptance Testing Form

User Acceptance Testing (UAT)
 Brewster: Coffee Shop Order Management System
 Name: Ahmad Ibrahim bin Abdul Aziz Phone Number: 018 982 7814
 Position: Managing Director

Acceptance Criteria	Test Results		Note
	Pass	Fail	
Register			
i. User can register with valid name, email, and password	/		-
ii. Duplicate email is rejected	/		-
Login			
i. User can log in with valid credentials	/		-
ii. Redirects to role-specific dashboard upon successful login	/		-
Manage User			
i. Manager can view, add, activate/deactivate user	/		-
Manage Menu			
i. Manager can add/edit/delete menu items	/		-
ii. Customers can view all active products	/		-
Manage Cart			
i. Customer can add, update, and remove items from cart	/		-
ii. Cart total is updated dynamically	/		-
Manage Payment			
i. Customer can select payment method and confirm purchase	/		-
Manage Order			
i. All roles can view order status	/		-
ii. Manager/Owner can update status	/		-
iii. Customer can place order for offline purchases	/		-
Loyalty Points			
i. Points are awarded based on spending	/		-
ii. Free drink auto-applies at 1000 points	/		-
Sales Analytics			
i. Manager can filter reports by date and export as PDF/CSV	/		-

I, Ahmad Ibrahim bin Abdul Aziz, hereby declare that the information provided is true and correct.

Tested by:
Shahm Vira
 (Ahmad Ibrahim bin Abdul Aziz)
 date: 10th June 2025

User Acceptance Testing (UAT)
 Brewster: Coffee Shop Order Management System
 Name: Faris Nahliah binti Maslan Phone Number: 011 3918 3865
 Position: Part Time Barista

Acceptance Criteria	Test Results		Note
	Pass	Fail	
Register			
i. User can register with valid name, email, and password	/		-
ii. Duplicate email is rejected	/		-
Login			
i. User can log in with valid credentials	/		-
ii. Redirects to role-specific dashboard upon successful login	/		-
Manage User			
i. Manager can view, add, activate/deactivate user	/		-
Manage Menu			
i. Manager can add/edit/delete menu items	/		-
ii. Customers can view all active products	/		-
Manage Cart			
i. Customer can add, update, and remove items from cart	/		-
ii. Cart total is updated dynamically	/		-
Manage Payment			
i. Customer can select payment method and confirm purchase	/		-
Manage Order			
i. All roles can view order status	/		-
ii. Manager/Owner can update status	/		-
iii. Customer can place order for offline purchases	/		-
Loyalty Points			
i. Points are awarded based on spending	/		-
ii. Free drink auto-applies at 1000 points	/		-
Sales Analytics			
i. Manager can filter reports by date and export as PDF/CSV	/		-

I, Faris Nahliah binti Maslan, hereby declare that the information provided is true and correct.

Tested by:
Faris Nahliah
 (Faris Nahliah binti Maslan)
 date: 10th June 2025

User Acceptance Testing (UAT)
 Brewster: Coffee Shop Order Management System
 Name: Natasha Afifah binti Mohd Shafie Phone Number: 011 6977 6801
 Position: Part Time Barista

Acceptance Criteria	Test Results		Note
	Pass	Fail	
Register			
i. User can register with valid name, email, and password	/		-
ii. Duplicate email is rejected	/		-
Login			
i. User can log in with valid credentials	/		-
ii. Redirects to role-specific dashboard upon successful login	/		-
Manage User			
i. Manager can view, add, activate/deactivate user	/		-
Manage Menu			
i. Manager can add/edit/delete menu items	/		-
ii. Customers can view all active products	/		-
Manage Cart			
i. Customer can add, update, and remove items from cart	/		-
ii. Cart total is updated dynamically	/		-
Manage Payment			
i. Customer can select payment method and confirm purchase	/		-
Manage Order			
i. All roles can view order status	/		-
ii. Manager/Owner can update status	/		-
iii. Customer can place order for offline purchases	/		-
Loyalty Points			
i. Points are awarded based on spending	/		-
ii. Free drink auto-applies at 1000 points	/		-
Sales Analytics			
i. Manager can filter reports by date and export as PDF/CSV	/		-

I, Natasha Afifah binti Mohd Shafie, hereby declare that the information provided is true and correct.

Tested by:
Natasha Afifah
 (Natasha Afifah binti Mohd Shafie)
 date: 10th June 2025

User Acceptance Testing (UAT)
 Brewster: Coffee Shop Order Management System
 Name: Adlin Izzy binti Jusuf Phone Number: 017 736 5473
 Position: Customer

Acceptance Criteria	Test Results		Note
	Pass	Fail	
Register			
i. User can register with valid name, email, and password	/		-
ii. Duplicate email is rejected	/		-
Login			
i. User can log in with valid credentials	/		-
ii. Redirects to role-specific dashboard upon successful login	/		-
Manage User			
i. Manager can view, add, activate/deactivate user	/		-
Manage Menu			
i. Manager can add/edit/delete menu items	/		-
ii. Customers can view all active products	/		-
Manage Cart			
i. Customer can add, update, and remove items from cart	/		-
ii. Cart total is updated dynamically	/		-
Manage Payment			
i. Customer can select payment method and confirm purchase	/		-
Manage Order			
i. All roles can view order status	/		-
ii. Manager/Owner can update status	/		-
iii. Customer can place order for offline purchases	/		-
Loyalty Points			
i. Points are awarded based on spending	/		-
ii. Free drink auto-applies at 1000 points	/		-
Sales Analytics			
i. Manager can filter reports by date and export as PDF/CSV	/		-

I, Adlin Izzy binti Jusuf, hereby declare that the information provided is true and correct.

Tested by:
Adlin Izzy
 (Adlin Izzy binti Jusuf)
 date: 10th June 2025

User Acceptance Testing (UAT)
 Brewster: Coffee Shop Order Management System
 Name: Nur Haniyah binti Basir Phone Number: 019 724 2208
 Position: Customer

Acceptance Criteria	Test Results		Note
	Pass	Fail	
Register			
i. User can register with valid name, email, and password	/		-
ii. Duplicate email is rejected	/		-
Login			
i. User can log in with valid credentials	/		-
ii. Redirects to role-specific dashboard upon successful login	/		-
Manage User			
i. Manager can view, add, activate/deactivate user	/		-
Manage Menu			
i. Manager can add/edit/delete menu items	/		-
ii. Customers can view all active products	/		-
Manage Cart			
i. Customer can add, update, and remove items from cart	/		-
ii. Cart total is updated dynamically	/		-
Manage Payment			
i. Customer can select payment method and confirm purchase	/		-
Manage Order			
i. All roles can view order status	/		-
ii. Manager/Owner can update status	/		-
iii. Customer can place order for offline purchases	/		-
Loyalty Points			
i. Points are awarded based on spending	/		-
ii. Free drink auto-applies at 1000 points	/		-
Sales Analytics			
i. Manager can filter reports by date and export as PDF/CSV	/		-

I, Nur Haniyah binti Basir, hereby declare that the information provided is true and correct.

Tested by:
Nur Haniyah
 (Nur Haniyah binti Basir)
 date: 10th June 2025

Appendix D: System Implementation Interfaces



DrinkEase Manager Dashboard Users Menu Orders Loyalty Reports Admin Role Logout

Edit User

First Name:

Last Name:

Username:

Role:

Status:

Update User

DrinkEase Manager Dashboard Users Menu Orders Loyalty Reports Admin Role Logout

Loyalty Points Management

Search by Name or Email

Customer ID	Name	Email	Points
1	Mahesh Arjun	mahesharjun@gmail.com	100
2	Mahesh Arjun	mahesharjun@gmail.com	100
3	Alex Zingale	alexz@10@gmail.com	100
4	Indira Red	indirare@gmail.com	100
5	Mahesh Arjun	mahesharjun@gmail.com	100
6	Office Customer		0
7	Mahesh Arjun	mahesharjun@gmail.com	100

DrinkEase Manager Dashboard Users Menu Orders Loyalty Reports Admin Role Logout

Order Management

Order ID	Customer Name	Product	Price	Date	Status	Action
20	Office Customer	Soft Drink	30.00	2023-05-05 10:00:00	Pending	View Details
19	Mahesh Arjun	Soft Drink	30.00	2023-05-05 10:00:00	Pending	View Details
18	Mahesh Arjun	Soft Drink	1,200.00	2023-05-05 10:00:00	Pending	View Details
17	Non-Admin Customer	Soft Drink	2.00	2023-05-05 10:00:00	Pending	View Details
16	Non-Admin Customer	Soft Drink	10,000.00	2023-05-05 10:00:00	Pending	View Details
15	Office Customer	Soft Drink	30.00	2023-05-05 10:00:00	Pending	View Details
14	Office Customer	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
13	Mahesh Arjun	Soft Drink	2.00	2023-05-05 10:00:00	Pending	View Details
12	Mahesh Arjun	Soft Drink	10,000.00	2023-05-05 10:00:00	Pending	View Details
11	Mahesh Arjun	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
10	Mahesh Arjun	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
9	Mahesh Arjun	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
8	Mahesh Arjun	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
7	Indira Red	Soft Drink	10.00	2023-05-05 10:00:00	Completed	View Details

DrinkEase Manager Dashboard Users Menu Orders Loyalty Reports Admin Role Logout

Order Details

Order ID: 10

Customer Name: Mahesh Arjun

Product: Soft Drink

Price: 10.00

Status: Pending

Product	Quantity	Price (RM)	Subtotal (RM)
Soft Drink	10	10.00	100.00
Soft Drink	20	10.00	200.00
Soft Drink	10	10.00	100.00
Total			1,200.00

DrinkEase Manager Dashboard Users Menu Orders Loyalty Reports Admin Role Logout

Reports & Analytics

Filter: 05/05/2023

Total Revenue: RM 250,000.00

Total Orders: 10

Top Customer: Mahesh Arjun

Top 3 Products:

- Soft Drink - 1000 sold
- Soft Drink - 1000 sold
- Soft Drink - 1000 sold
- Soft Drink - 1000 sold
- Soft Drink - 1000 sold

Least Purchased Products:

- Soft Drink - 10 sold
- Soft Drink - 10 sold
- Soft Drink - 10 sold
- Soft Drink - 10 sold
- Soft Drink - 10 sold

DrinkEase Manager Dashboard Users Menu Orders Loyalty Reports Admin Role Logout

Order Management

Order ID	Customer Name	Product	Price	Date	Status	Action
20	Office Customer	Soft Drink	30.00	2023-05-05 10:00:00	Pending	View Details
19	Mahesh Arjun	Soft Drink	30.00	2023-05-05 10:00:00	Pending	View Details
18	Mahesh Arjun	Soft Drink	1,200.00	2023-05-05 10:00:00	Pending	View Details
17	Non-Admin Customer	Soft Drink	2.00	2023-05-05 10:00:00	Pending	View Details
16	Non-Admin Customer	Soft Drink	10,000.00	2023-05-05 10:00:00	Pending	View Details
15	Office Customer	Soft Drink	30.00	2023-05-05 10:00:00	Pending	View Details
14	Office Customer	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
13	Mahesh Arjun	Soft Drink	2.00	2023-05-05 10:00:00	Pending	View Details
12	Mahesh Arjun	Soft Drink	10,000.00	2023-05-05 10:00:00	Pending	View Details
11	Mahesh Arjun	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
10	Mahesh Arjun	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
9	Mahesh Arjun	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
8	Mahesh Arjun	Soft Drink	10.00	2023-05-05 10:00:00	Pending	View Details
7	Indira Red	Soft Drink	10.00	2023-05-05 10:00:00	Completed	View Details

Machine - RM 10.00

City:

Price:

Quantity:

Soft Drink - RM 11.00

City:

Price:

Quantity:

Spanish Lette - RM 10.00

City:

Price:

Quantity:

Order Summary

Product	Qty	Type	Price	Subtotal	Action
Machine	1	Soft	10.00	10.00	View Details
Soft Drink	1	Soft	11.00	11.00	View Details
Spanish Lette	1	Soft	10.00	10.00	View Details
Total				RM 31.00	

Payment Method:

Order Status:

DrinkEase Manager Dashboard Users Menu Orders Loyalty Reports Admin Role Logout

Order Details

Order ID: 10

Customer Name: Mahesh Arjun

Product: Soft Drink

Price: 10.00

Status: Pending

Product	Quantity	Price (RM)	Subtotal (RM)
Soft Drink	10	10.00	100.00
Soft Drink	20	10.00	200.00
Soft Drink	10	10.00	100.00
Total			1,200.00