
Newbie Coder

**Coffee Base
UI Prototype**

Version 1.0

Coffee Base	Version: 1.0
UI Prototype	Date: 20/Dec/2025
UIP	

Revision History

Date	Version	Description	Author
20/Dec/2025	1.0	Description for UI Prototype	Vu Phat

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User Interface Prototype

1. Introduction

1.1 Purpose

The purpose of this document is to provide a detailed design of the user interface (UI) and interaction flow for the Coffee base website. The document visually describes all planned screens, explains the function of each component, and presents specific use cases for each user role, including regular users, website owners, and administrators.

1.2 Scope

Provide complete information about the expected UIs of the system.

1.3 References

Use-case specification document.

2. Screens

2.1 Home

The screenshot shows the homepage of "The Coffee House". At the top, there's a header with the logo, navigation links (Trang chủ, Thực đơn, Khuyến mãi, Về chúng tôi), and user options (Đang ký, Đăng nhập). Below the header, there are two main promotional sections:

- Mua 1 Tặng 1 - Thứ 3 Vui Vẻ**: Offers a free gift on Monday. It includes a small image of a woman, a brief description, and a yellow "Xem chi tiết" button.
- Combo bữa sáng chỉ 49.000đ**: Offers a breakfast combo deal. It includes an image of a sandwich, a brief description, and a yellow "Đặt ngay" button.

Below these sections is a large grid titled "Thực đơn của chúng tôi" (Our Menu) with three columns:

Tất cả	Cà phê	Trà & Sữa	Bánh ngọt	Món ăn vặt
Cà Phê Sữa Đá 35.000đ	Trà Đào Cam Sả 45.000đ	Bánh Sừng Bò Sôcôla 30.000đ	Matcha Đá Xay 55.000đ	
Americano Nóng 40.000đ	Khoai Tây Chiên 35.000đ	Bánh Phô Mai Dâu 50.000đ	Trà Sữa Trân Châu 45.000đ	

Description:

Homepage contains 3 main parts:

1. Header

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The header is located at the top of the page and remains consistent across other screens.

- Logo: The “The Coffee House” logo is displayed on the left side and represents the brand identity. Clicking the logo navigates users back to the homepage.
- Navigation menu: Includes links such as *Home*, *Menu*, *Promotions*, and *About Us*, allowing users to quickly navigate between main pages.
- Sign up and Sign in buttons: Located on the right side of the header. When clicking these buttons, the system will display a login or registration popup window.

2. Featured Promotions Section

This section highlights current promotions.

- Promotions are displayed in card format, each containing an image, promotion title, short description, and an action button.
- Action buttons such as “View details” or “Order now” allow users to navigate to promotion details or start the ordering process.

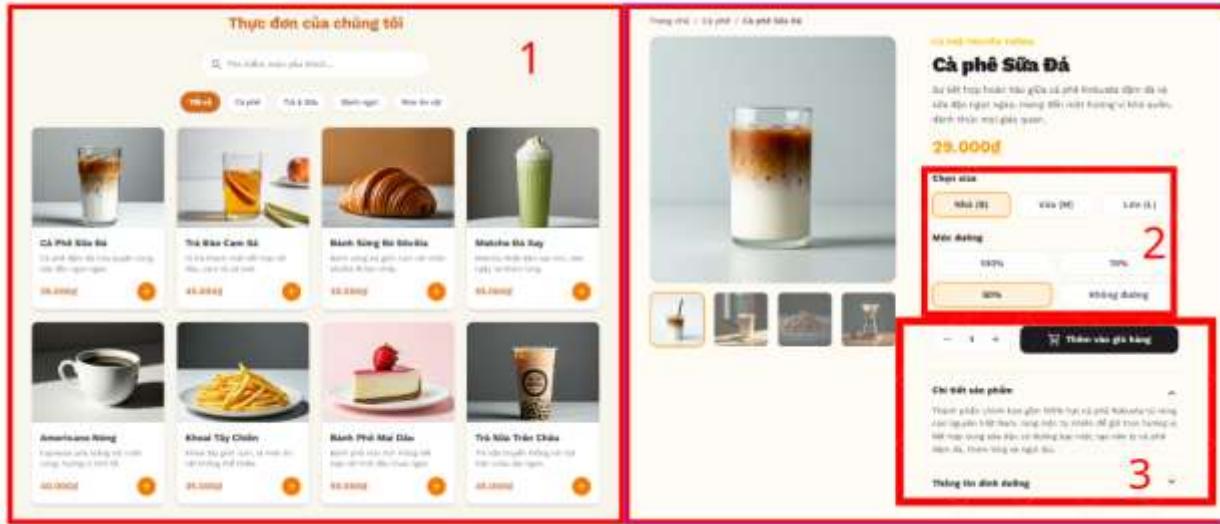
3. Menu Section

This section displays the product list.

- Search bar: Allows users to enter keywords to search for their favorite items. The system will filter and render matching results.
- Category filter buttons: Including *All*, *Coffee*, *Tea & Milk*, *Bakery*, and *Snacks*. Selecting a category will display products belonging to that category.
- Product grid: Each product card includes an image, product name, price, and a “+” button to quickly add the item to the cart.

2.2 Menu

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Description:

Menu Listing Page

This page displays the full list of available products.

- Search bar: Allows users to enter keywords to search for favorite menu items. The system will filter and display matching results.
- Category filter buttons: Includes categories such as *All*, *Coffee*, *Tea & Milk*, *Bakery*, and *Snacks*. Selecting a category will update the product list accordingly.
- Product grid: Products are displayed in a card layout. Each card contains a product image, product name, short description, price, and a “+” button.
 - When clicking the “+” button, the product will be added directly to the cart or prepared for ordering.

Product Customization Section

This section appears on the Product Detail page and allows users to customize their order.

- Product image gallery: Displays the main product image and thumbnail previews.
- Size selection: Users can choose between *Small (S)*, *Medium (M)*, and *Large (L)*.
- Sugar level selection: Includes options such as *100%*, *70%*, *50%*, and *No sugar*.
- Quantity selector: Users can increase or decrease the quantity using “+” and “-” buttons.
- Add to cart button: Adds the customized product to the shopping cart.

Product Information Section

This section provides detailed information about the product.

- Product description: Explains ingredients, flavor profile, and preparation method.
- Nutritional information: Displays nutrition-related details for the selected product.
- This section helps users make informed decisions before completing their order.

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2.3 Promotion



Description:

The **Promotions** page is designed to help users conveniently access and understand available promotional programs.

- Users can search for promotions by entering keywords, allowing the system to filter and display relevant results.
- Promotional programs are presented in card format, including images, brief descriptions, and validity information.
- By selecting a promotion, users can view detailed information such as program rules, applicable period, and terms and conditions.
- This layout helps users quickly compare promotions and clearly understand the benefits before using them.

2.4 About Us

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The screenshot shows the 'Về Chúng Tôi' (About Us) page of The Coffee House website. At the top, there's a navigation bar with links: Trang chủ, Menu, Về chúng tôi (highlighted in orange), Liên hệ, and Một hàng (highlighted in orange). The main title 'Về Chúng Tôi' is in bold black font. Below it is a paragraph about the brand's mission and values. A large red number '1' is overlaid on the right side. Underneath, there's a section titled 'Gặp Gỡ Đội Ngũ Sáng Tạo' (Meet the Creative Team) featuring four team members: Nguyễn Văn A, Trần Thị B, Lê Văn C, and Phạm Thị D, each with a circular portrait and a brief description. The footer includes links to 'Chính sách bảo mật', 'Điều khoản dịch vụ', 'Liên hệ', and social media icons.

Description:

The About Us page introduces the brand identity and presents the team behind the website in a clean, easy-to-read layout.

- Top navigation bar: Displays the brand/logo on the left and menu items such as *Home*, *Menu*, Promotions, and *About Us*, along with a highlighted Order button for quick access to ordering.
- Page heading and introduction: The page title “About Us” is shown prominently, followed by a short paragraph describing the mission, story, and core values of The Coffee House.
- Team showcase: A “Meet the Creative Team” section presents team members using circular avatar cards. Each card includes an avatar image, the member’s name, and a short role/description below.
- Footer area: Contains quick links such as privacy policy, service terms, and contact, as well as social icons and copyright information.

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3. Scenarios

3.1 User Scenarios

3.1.1 Sign up

The image shows a user interface prototype for a sign-up process, divided into three main steps:

- Step 1:** A red-bordered box containing a large purple-outlined number "1". To its right is the text "Đăng ký bằng Google" next to the Google logo.
- Step 2:** A red-bordered box containing a large orange-outlined number "2". Inside this box are input fields for "Email" and "Mật khẩu" (Password), and a large orange button labeled "Đăng ký".
- Step 3:** A red-bordered box containing a large red-outlined number "3". Inside this box is the text "Đã có tài khoản? Đăng nhập" (Already have an account? Log in).

Description:

Step 1: Users can choose “Sign up with Google” to create an account quickly using Google authentication.

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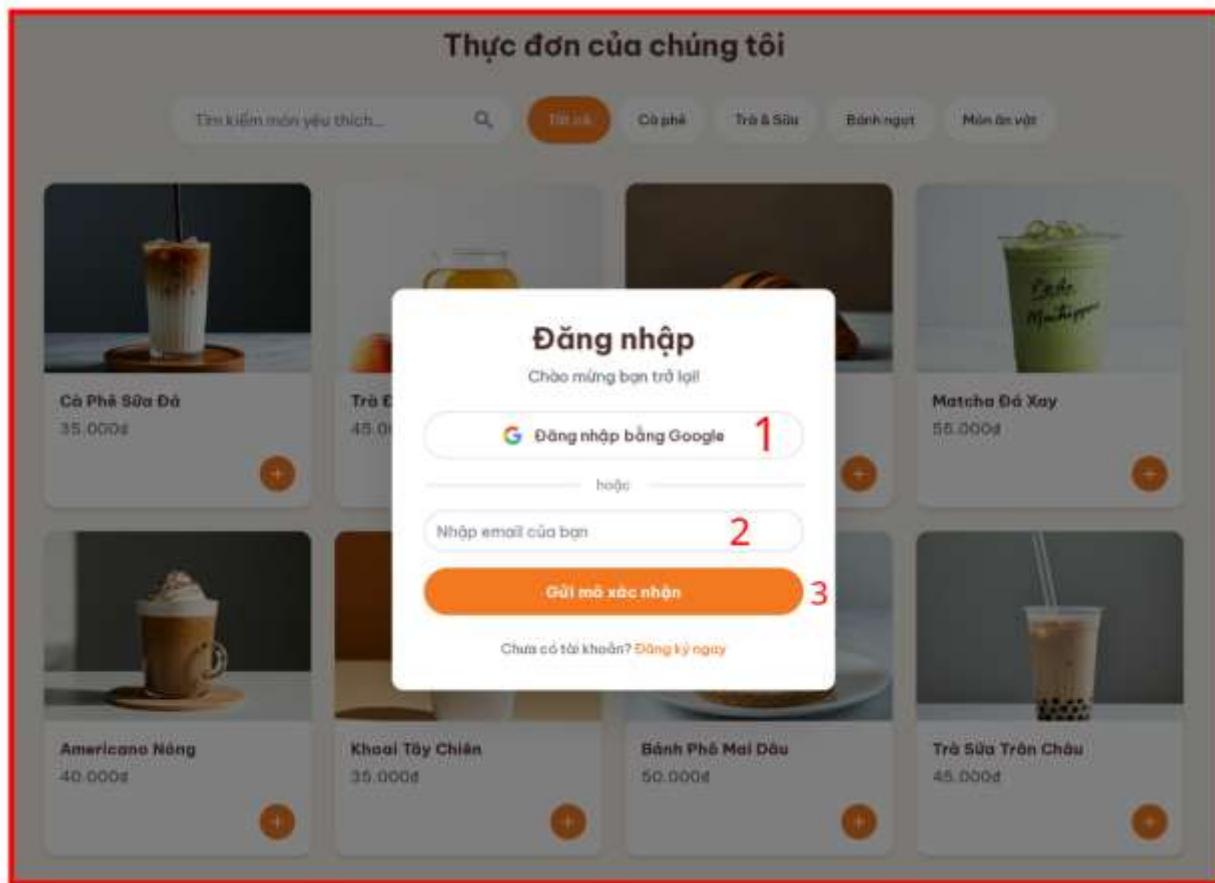
Step 2: If users do not use Google, they can register manually by entering:

- **Email**
- **Password**
- **Confirm password**

After completing the form, users click “**Sign up**” to submit the registration.

Step 3: If the user already has an account, they can click “**Sign in**” to switch to the login flow.

3.1.2 Sign in



Description:

The **Login popup** allows users to quickly access their account without leaving the current page.

- Users can choose to **sign in with Google** for a faster authentication process.
- Alternatively, users can **enter their email address** to receive a verification code.
- The “**Send verification code**” button initiates the login process via email confirmation.

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- A sign-up link is provided for new users who do not yet have an account.

3.1.3 Pay

The screenshot illustrates the payment process in the Coffee Base UI, divided into four main steps:

- Step 1 (Delivery Information):** The user fills in shipping details including Full name, Phone number, Email (optional), and Detailed address to ensure the order can be completed correctly.
- Step 2 (Delivery Method):** The user selects the delivery option. In this screen, the available choice is Store pickup, allowing the user to pick up the order at the store.
- Step 3 (Payment Method):** The user selects the payment method. The available choices are Thẻ Tín dụng/Ghi nợ (selected), Ví MoMo / ZaloPay, Chuyển khoản ngân hàng, and Thanh toán bằng Credits.
- Step 4 (Payment Summary):** The user reviews the order summary. The order details are as follows:

Đơn hàng của bạn	
	Cà Phê Latte Số lượng: 1
	Bánh Croissant Số lượng: 2
Tạm tính	95.000đ
Phi giao hàng	15.000đ
Giảm giá	-10.000đ
Tổng cộng	100.000đ

 The user can proceed by clicking the "Hoàn tất Đơn hàng" (Complete Order) button or return to the previous step by clicking "Quay lại giỏ hàng" (Return to Cart).

Description:

Step 1 (Delivery Information): The user fills in shipping details including Full name, Phone number, Email (optional), and Detailed address to ensure the order can be completed correctly.

Step 2 (Delivery Method): The user selects the delivery option. In this screen, the available choice is Store pickup, allowing the user to pick up the order at the store.

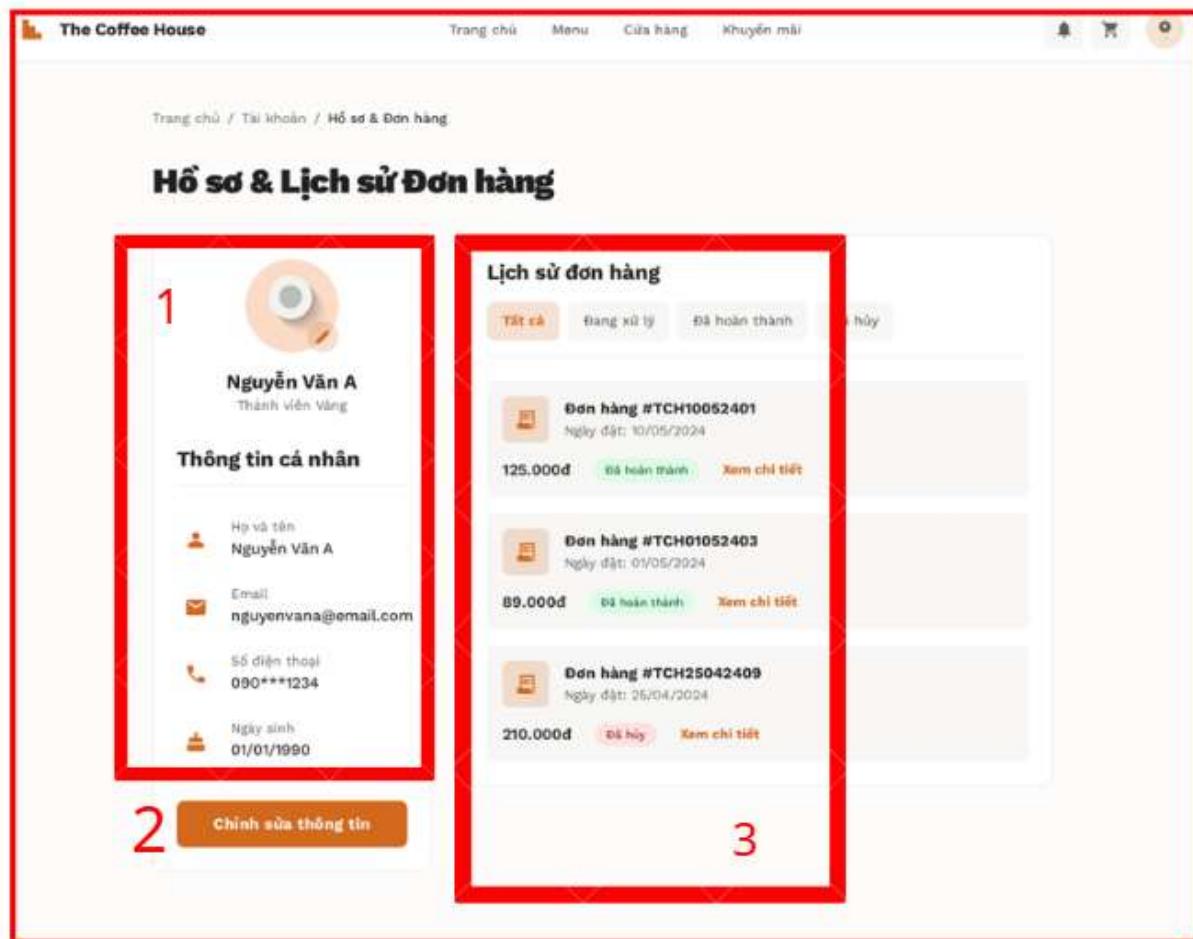
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Step 3 (Payment Method): The user chooses a payment method from the list, such as:

- Credit/Debit Card
 - MoMo / ZaloPay
 - Bank Transfer
 - Credits
- The selected option determines how the payment will be processed.

Step 4 (Order Summary & Checkout): The right panel displays order items, quantities, subtotal, shipping fee, discount, and total amount. The user clicks “Complete order” to place the order and proceed to the confirmation step.

3.1.4 Edit account information



The screenshot shows the 'Hồ sơ & Lịch sử Đơn hàng' (Account & Order History) screen of the The Coffee House app. The interface is in Vietnamese.

Left Panel (Account Information):

- Profile Picture:** A placeholder image of a coffee cup.
- Name:** Nguyễn Văn A (Nguyễn Văn A)
- Title:** Thành Viên Vàng (Gold Member)
- Personal Information:**
 - Họ và tên: Nguyễn Văn A
 - Email: nguyenvana@email.com
 - Số điện thoại: 090****1234
 - Ngày sinh: 01/01/1990
- Buttons:**
 - Chỉnh sửa thông tin (Edit information) - highlighted with a red box labeled '2'.

Right Panel (Order History):

- Section Title:** Lịch sử đơn hàng (Order History)
- Filter Buttons:** Tất cả (All), Đang xử lý (Processing), Đã hoàn thành (Completed), Hủy (Cancel).
- Order List:**
 - Order #TCH10052401:** Ngày đặt: 10/05/2024, 125.000đ, Đã hoàn thành, Xem chi tiết.
 - Order #TCH01052403:** Ngày đặt: 01/05/2024, 89.000đ, Đã hoàn thành, Xem chi tiết.
 - Order #TCH25042409:** Ngày đặt: 26/04/2024, 210.000đ, Đã hủy, Xem chi tiết.
- Buttons:**
 - Chỉnh sửa thông tin (Edit information) - highlighted with a red box labeled '3'.

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- Step 1 (Profile information): The left panel displays the user profile, including avatar, membership level, and personal details such as full name, email, phone number, and date of birth.
- Step 2 (Edit profile): The “Edit information” button allows the user to update their personal details. When clicked, the system opens the profile editing flow.
- Step 3 (Order history): The right panel shows the order history list with filter tabs (e.g., *All*, *Processing*, *Completed*, *Cancelled*). Each order card includes the order code, order date, total amount, and status, along with a “View details” action for opening the full order detail.

3.1.5 Add a new user (Administrator)

Trang chủ / Quản lý người dùng / Thêm mới

Thêm người dùng mới

Nhập thông tin chi tiết để tạo tài khoản người dùng mới vào hệ thống. Các trường đánh dấu (*) là bắt buộc.

Thông tin cá nhân 1

Họ và tên *

Nhập họ và tên đầy đủ

Email *

example@thecoffeehouse.vn

Số điện thoại *

09XX XXX XXX

Phân quyền

Vai trò *

Khách hàng

Chọn vai trò thích hợp để cấp quyền truy cập.

Bảo mật

Mật khẩu *

Xác nhận mật khẩu *

Hủy bỏ

Lưu thông tin 2

- Step 1 (User information & access setup): The admin fills in the required details to create a new account,

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including full name, email, phone number, and selects a role (e.g., customer) to define permissions. The admin also sets the account password by entering password and confirm password.

- Step 2 (Save action): The admin clicks “Save information” to submit and create the new user account. A Cancel option is available to discard changes and return without saving.

3.1.6 Menu Management

The screenshot shows the 'Quản lý Menu' (Menu Management) page. At the top, there is a search bar labeled 'Tim kiem theo tên món...' (Search by dish name...) and a dropdown menu labeled 'Tất cả danh mục' (All categories). Below the search bar, there are tabs for 'Tất cả' (All), 'Cà phê' (Coffee), 'Trà' (Tea), 'Bánh ngọt' (Sweet bread), and 'Đá xay' (Blended). The main table lists four menu items:

Tên món	Danh mục	Giá bán	Trạng thái
Cà phê sữa đá	Cà phê	32.000đ	Còn hàng
Trà đào cam sả	Trà	45.000đ	Còn hàng
Caramel Macchiato Đá Xay	Đá xay	59.000đ	Hết hàng
Bánh Mousse Tiramisu	Bánh ngọt	35.000đ	Còn hàng

At the bottom left, it says 'Hiển thị 1-4 trên 25 kết quả' (Showing 1-4 of 25 results). On the right side, there are red numbers 1, 2, 3, and 4 pointing to specific UI elements: 1 points to the search bar, 2 points to the edit/delete icons, 3 points to the pagination controls, and 4 points to the 'Thêm món mới' (Add new item) button.

- Step 1 (Search & filter): The admin can search menu items by name using the search bar and filter items by category using tabs and the category dropdown.
- Step 2 (Edit/Delete actions): Each menu item row includes quick actions to edit item information or delete the item from the menu.
- Step 3 (Pagination): Pagination controls allow the admin to navigate between pages of results and view the full list of menu items.
- Step 4 (Add new item): The “Add new item” button opens the create-item flow to add a new product into the menu.

- User clicks “Nhóm của tôi” button to view user’s team list

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3.1.7 Add new drink

Thêm món mới

Điền thông tin chi tiết để thêm sản phẩm mới vào thực đơn.

1

Tên món
VD: Cà phê sữa đá

Mô tả chi tiết
Mô tả ngắn gọn về sản phẩm...

Giá bán
0.000 ₫

Danh mục
Cà phê

Trạng thái
 Còn hàng Hết hàng

2

Hình ảnh món

Tải lên một tệp hoặc kéo và thả
PNG, JPG, GIF lên đến 10MB

3

Hủy Lưu sản phẩm

- Step 1 (Enter product details): The admin fills in the product information including item name, detailed description, price, category, and status (in stock / out of stock).
- Step 2 (Upload product image): The admin uploads a product image by selecting a file or dragging and dropping it into the upload area. Supported formats include PNG/JPG/GIF with a size limit.
- Step 3 (Save or cancel): The admin clicks “Save product” to create the new menu item. The Cancel button discards changes and returns to the previous screen.

3.1.8 Voucher Management

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Quản lý Khuyến mãi

Xem, tạo và quản lý các mã giảm giá của bạn.

4 [Tạo khuyến mãi mới](#)

1 Tìm kiếm theo tên mã, mã tà...

2

Tên khuyến mãi	Mã	Giá trị	Thời gian hiệu lực	Trạng thái	Hành động
Chào bạn mới Giảm giá cho đơn hàng đầu tiên	CHAOBANMOI	20%	01/06/2024 - 30/06/2024	Đang hoạt động	Sửa Xoá
Freeship tháng 6 Miễn phí vận chuyển cho mọi đơn	FREESHIPTHANG6	15.000đ	15/06/2024 - 15/07/2024	Đang hoạt động	Sửa Xoá
Mua 1 Tặng 1 Áp dụng cho dòng trà trái cây	MUA1TANG1	100%	20/07/2024 - 27/07/2024	Đã diễn ra	Sửa Xoá
Deal cuối tuần Giảm 30% cho đơn từ 2 ly	DEALEUWEEKEND	30%	01/06/2024 - 31/06/2024	Đã hết hạn	Sửa Xoá

Hiển thị 1-4 trên 20 kết quả

3

- Step 1 (Search & filter): The admin can search promotions by entering keywords such as promotion name, code, or description. A status filter dropdown is also provided to quickly filter promotions by their current state.
- Step 2 (Manage actions per promotion): The promotion list is displayed in a table showing key fields such as promotion name, code, value, valid period, and status. Each row includes quick actions to edit or delete a promotion.
- Step 3 (Pagination): Pagination controls are available at the bottom to navigate through multiple pages of promotion records and view all results.
- Step 4 (Create new promotion): The “Create new promotion” button starts the creation flow, allowing the admin to add a new discount program into the system.

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3.2 Admin/Owner Scenarios

3.2.1 Customize promotions

Tạo Khuyến mãi mới
Điền thông tin chi tiết để tạo chương trình khuyến mãi.

1 Tên khuyến mãi
Ví dụ: Chào bạn mới

Mã giảm giá
Ví dụ: CHAOBANMOI

Giá trị giảm giá
Ví dụ: 20 %

Điều kiện áp dụng
Ví dụ: Áp dụng cho đơn hàng đầu tiên từ 50.000đ

Thời gian hiệu lực
mm/dd/yyyy mm/dd/yyyy

Số lượng mã (tùy chọn)
Để trống nếu không giới hạn

Hình ảnh minh họa
Nhấn để tải lên
PNG, JPG, GIF (tối đa 5MB)

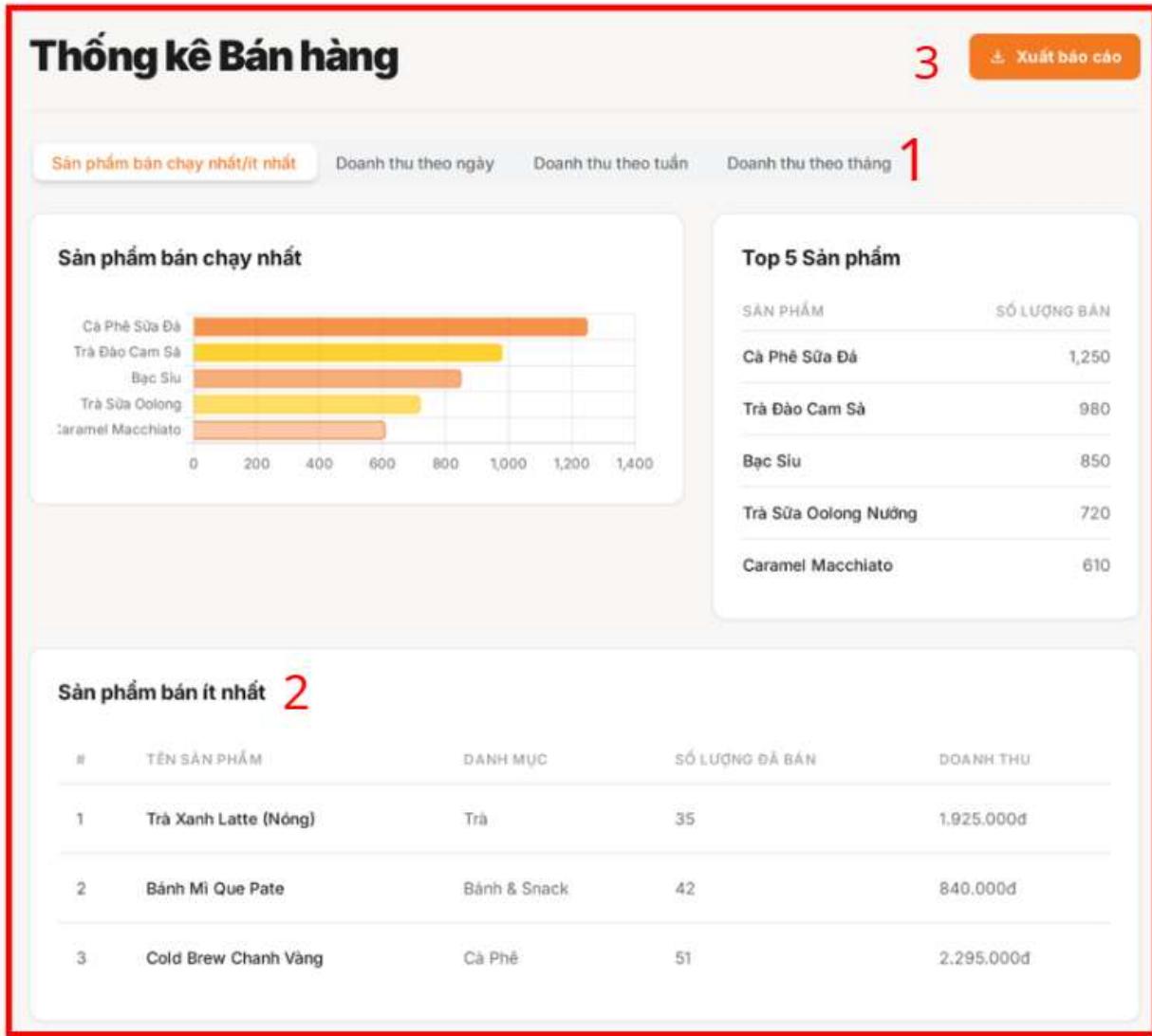
3

Hủy **Lưu**

- Step 1 (Enter promotion details): The admin fills in promotion information including promotion name, discount code, discount value (%), application conditions, valid period (start/end date), and an optional usage quantity (leave blank for unlimited).
- Step 2 (Upload illustration image): The admin uploads a promotional image by clicking the upload area. Supported formats include PNG/JPG/GIF with a size limit.
- Step 3 (Save or cancel): The admin clicks “Save” to create the promotion. The Cancel option discards changes and returns to the previous screen.

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3.2.2 Sales statistics



- Step 1 (Statistics tabs): The admin switches between report views using tabs such as Best/Worst-selling products, Revenue by day, Revenue by week, and Revenue by month. The selected tab determines which charts and tables are displayed.
- Step 2 (Charts & ranking tables): The dashboard visualizes performance using a bar chart for top-selling products, a Top 5 products list with quantities sold, and a table showing least-selling products including category, quantity sold, and revenue.
- Step 3 (Export report): The “Export report” button allows the admin to download the current statistics view as a report for record keeping and analysis.