



CAPSTONE PROJECT REPORT

Report 6 – Software User Guides

– Da Nang, December 2022 –

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I. Record of Changes

Date	A*,M, D	In charge	Change Description
02/12/2022	A*	SangDT	Create new
04/12/2022	M	2Hmarket Team	Fix Report

*A - Added M - Modified D - Deleted

II. Release Package & User Guides

1. Deliverable Package

No.	Deliverable Item	Description
1	Source Codes	Second-hand-market-Frontend
		Second-hand-market-Backend

No.	Deliverable Item	Description
2	Database Script	MySQL
3	Final Report Document	Report7_Final Project Report.docx

Table 1: Deliverable Package

2. Installation Guides

2.1 System Requirements

2.1.1. Hardware Requirements

Name	Minimum Required	Recommend
Operating System	Window 7, Linux (Ubuntu 18.04 LTS) (32-bit)	Window 10, Linux (Ubuntu 20.04 LTS) (64-bit)
Computer Processor	>= 2 core 3.0 GHz Intel CPU	Intel® CoreTM i7 Processors
Computer Memory	4 GB	8 GB
Storage Space	128 GB SSD	256 GB SSD or more

Table 2: Hardware Requirements

2.1.2. Software Requirement

No.	Name	Version	Description
1	Web browser	Chrome, Firefox, Microsoft Edge	Using for development
2	Modelling tool	Draw.io	Software modeling tool
3	Visual Studio Code	1.73.1	Code Editor
4	Github	2.37.1	Version control

Table 3: Software Requirement

2.2 Installation Instruction

- Set up Operating System.
- Configure environment variables.
- Go to folder remo:
 - + cd Second-hand-market-Frontend
 - + Terminal npm start
 - + cd Second-hand-market-Backend
 - + Terminal npm start

3. User Manual

3.1 Web Feature

3.1.2 Register

This is the function to register a new user account.

- Step 1: Go into the login page of the system with the following link:

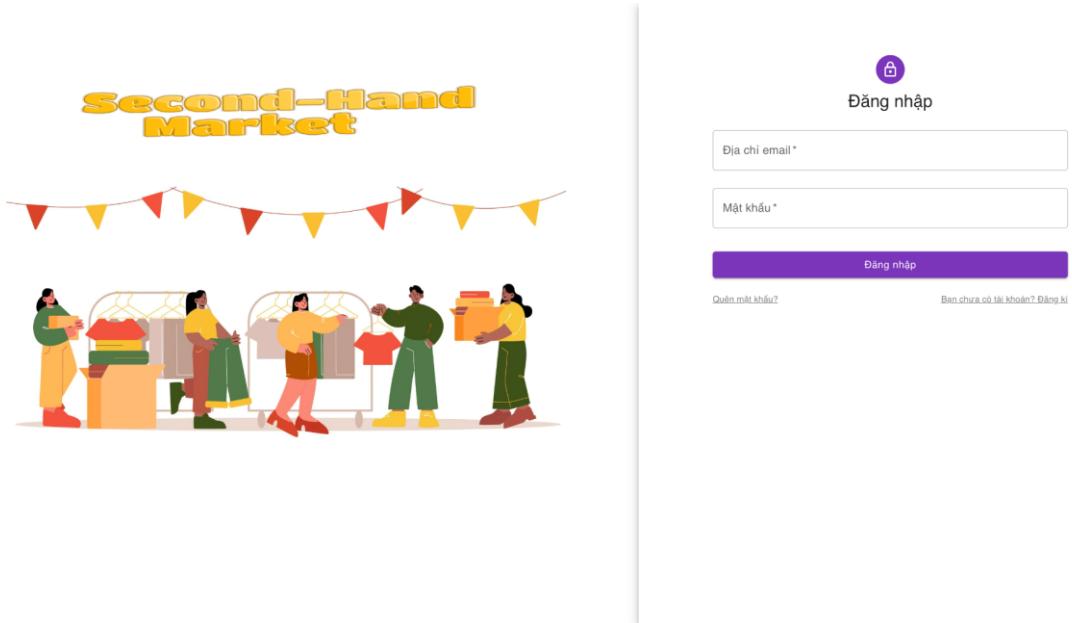


Figure 1: Step 1 in the Register

- Step 2: Click on “Bạn chưa có tài khoản? Đăng ký”
- Step 3: Type in the all information of the account requested.

- Step 4: Press enter key on keyboard or Click "Gửi OTP" button.

The image shows a registration form titled 'Đăng ký' (Register) with a lock icon. It contains fields for 'Họ*' (Last Name*), 'Tên*' (Name*), 'Địa chỉ email*' (Email Address*), 'Mật khẩu*' (Password*), and 'Xác nhận mật khẩu*' (Confirm Password*). A purple 'Gửi OTP' (Send OTP) button is at the bottom. Below the button is a small link: 'Bạn đã có tài khoản? Đăng nhập'.

Họ *	Tên *
Địa chỉ email *	
Mật khẩu *	
Xác nhận mật khẩu *	

Gửi OTP

Bạn đã có tài khoản? [Đăng nhập](#)

Figure 2: Step 4 in the Register

- Step 5: Input OTP from your email to register

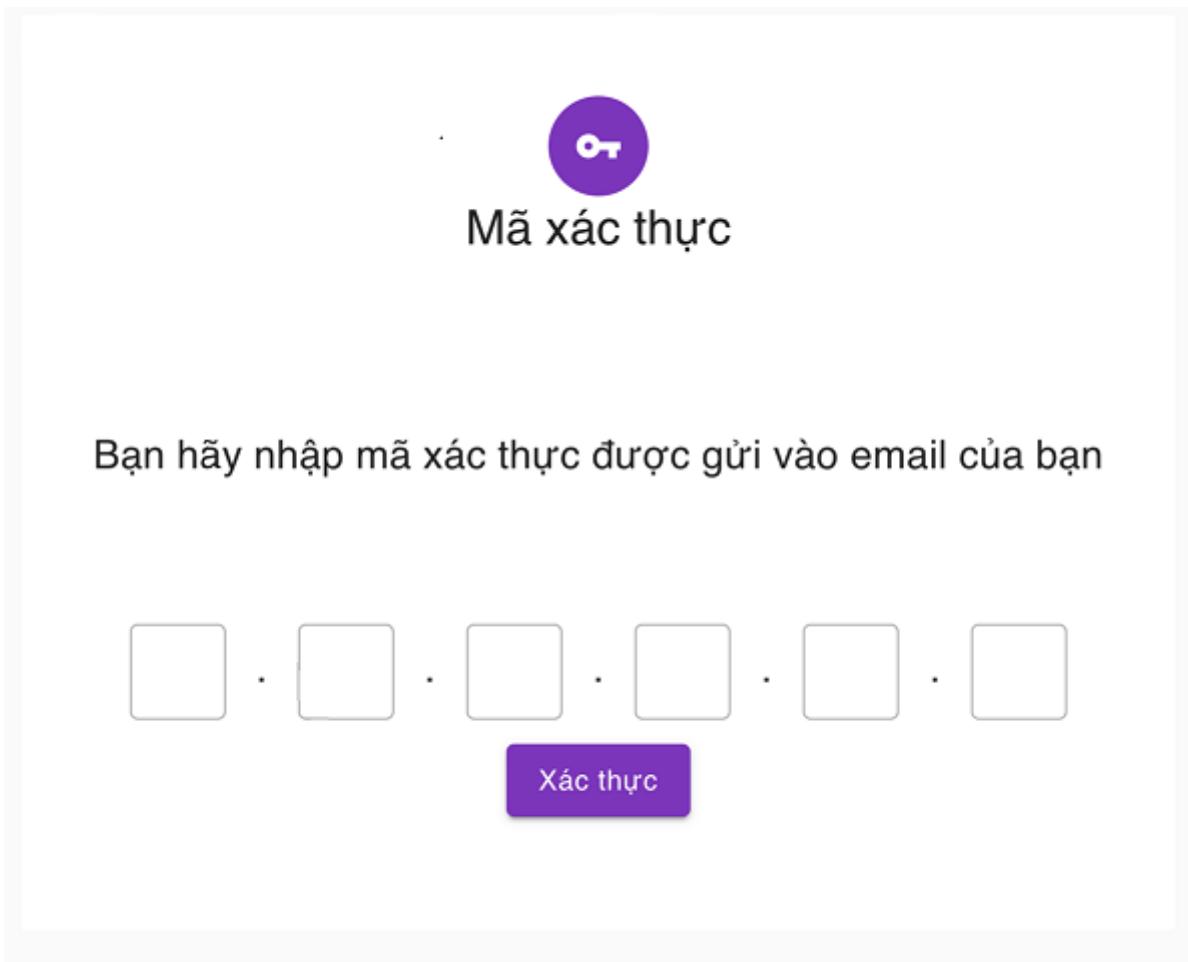


Figure 3: Step 5 in the Reigster

3.1.1 Login

- Step 1: Access into SecondHand Market Web System
- Step 2: Enter “Email” and “Password” then Click Login Button

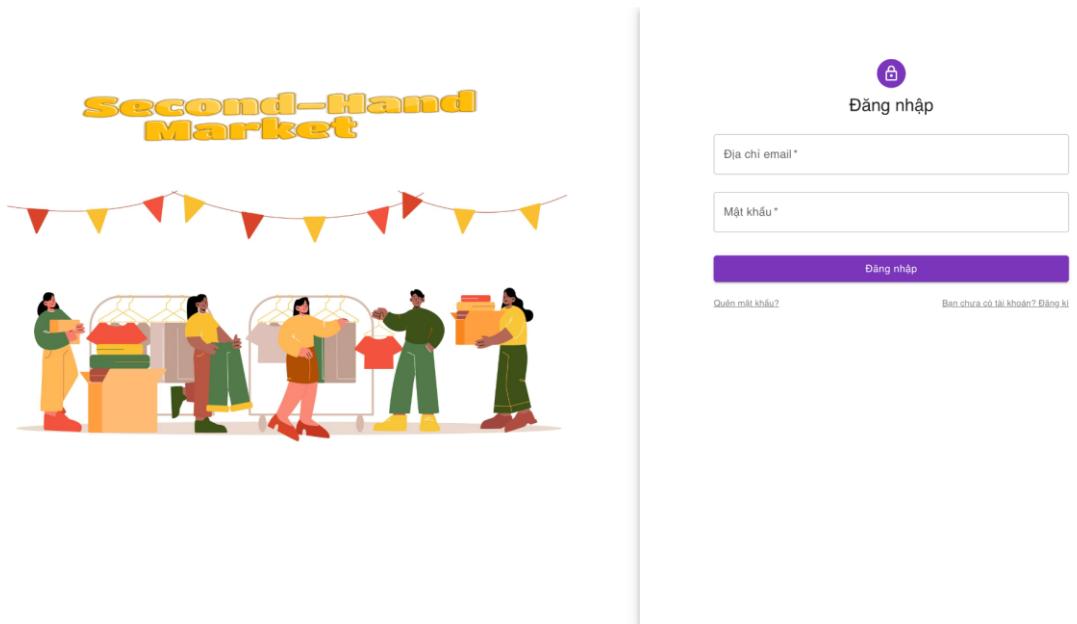


Figure 4: Step 2 in the Login

3.1.3 Logout

- Click DownArrow Icon Left to Avatar
- Selected Log Out



3.1.4 Search Product

- Step 1: Click on



- Step 2: Input name product to search
- Step 3: Search results are displayed

A screenshot of a web application interface titled "Second-Hand Market". The search bar at the top contains the text "mac". Below the search bar, there are two search results, each featuring a small thumbnail image of a laptop, the product name, its price, and the date it was listed.

Product	Price	Date Listed
macbook air 2020	13000000	2022-12-01T15:49:33.000Z
macbook air 2020	15000000	2022-12-01T15:52:06.000Z

Second-hand Market
Product by Nhóm 5 © 2022

Figure 5: Step 3 in the Search product

3.1.5 View Product

- Step 1: At the home screen, the user can see the displayed products.



Figure 6: Step 1 in the View product

- Step 2: Click on any of the displayed posts.

Tin đăng dành cho bạn



Máy in cannon cũ
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



Bàn ghế văn phòng
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



samsung galaxy y
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



cannon 550D
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



canon 550D
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



laptop dell
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



giày nike chính hãng
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



lan đột biến 5 cánh trắng
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



đồng hồ apple watch seri 3
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



laptop dell cu
Đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



test bid
6.200.000 đ
23 Giờ Trước-Thanh phố Đà Nẵng



giay nike cu
8.000.000 đ
23 Giờ Trước-Thanh phố Đà Nẵng

< 1 2 >

Sản phẩm đang đấu giá



laptop dell
Đang đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



cannon 550D
Đang đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



cannon 550D
Đang đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



samsung galaxy y
Đang đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



Bàn ghế văn phòng
Đang đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng



Máy in cannon cũ
Đang đấu giá
23 Giờ Trước-Thanh phố Đà Nẵng

Figure 7: Step 2 in the View product

- Step 3: The user was able to see a detailed post describing the product.

The screenshot shows a product listing on the Second-hand Market website. The main product is a black JBL Bluetooth speaker. The listing includes the price (8,000,000đ), seller information (diep the sang), and various details like condition, warranty, and location. Below the main listing are sections for other related items and similar products.

Main Product Details:

- Name:** loa bluetooth
- Price:** 8.000.000đ
- Seller:** diep the sang (Rating: ★★★★☆)
- Condition:** Sản phẩm cũ (đã sửa chữa)
- Warranty:** Hết bảo hành
- Origin:** Sản xuất tại: Trung Quốc
- Type:** Tivi, Tủ lạnh, thiết bị âm thanh
- Address:** 169 Mè Thú - Phường Tân Chính - Quận Thanh Khê - Thành phố Đà Nẵng

Related Items (Tin đăng khác):

- Máy in canon cũ (Đầu giá)
- Bàn ghế văn phòng (Đầu giá)
- samsung galaxy y (Đầu giá)
- cannon 550D (Đầu giá)
- cannon 550D (Đầu giá)
- laptop dell (Đầu giá)
- giày nike chính hãng (Đầu giá)
- lan đột biến 5 cánh trắng (Đầu giá)
- đồng hồ apple watch seri 3 (Đầu giá)
- laptop dell cũ (Đầu giá)
- test bid (6.200.000đ)
- loa bluetooth (8.000.000đ)

Similar Products (Tin đăng tương tự):

- loa bluetooth (8.000.000đ)

Footer:

- Second-hand Market
- Social media links: Facebook, Instagram, Twitter
- Product by Nhóm 5 © 2022

Figure 8: Step 3 in the View product

3.1.6 Filter product

3.1.6.1 Filter product by location

This is a function to filter posts by a location close to the user.

- When the user first logs into the account and accesses the system. The system will display 3 locations (Hanoi Capital, Da Nang City, and Ho Chi Minh City) for users to choose the nearest location. Then the diplomas posted near that location will be prioritized to be displayed to that user.

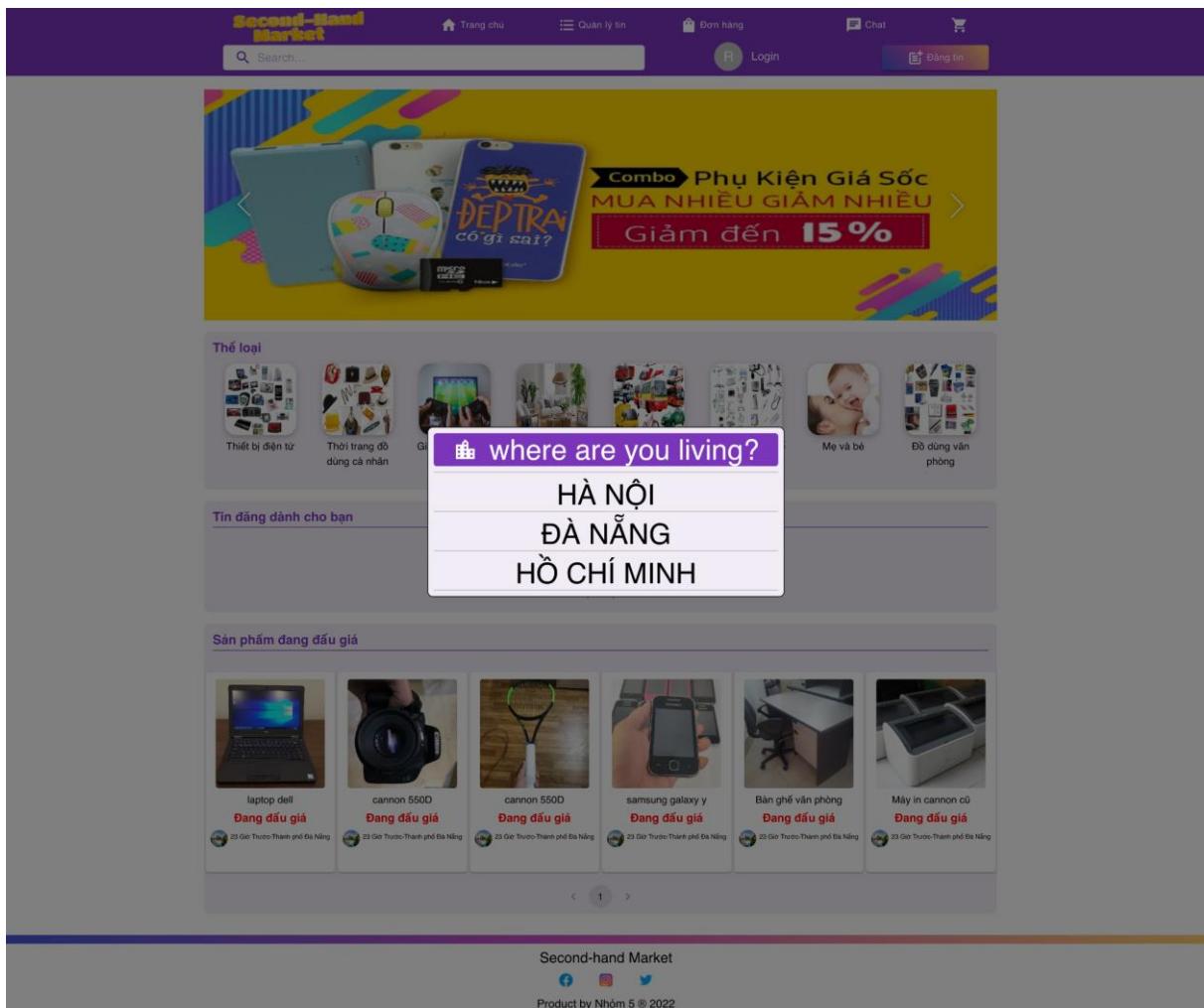


Figure 9: Filter product by location

3.1.6.2 Filter product by category

- Step 1: At the home screen, the user can filter by the desired category. By entering select a "Thể loại".

The screenshot shows the homepage of the Second-hand Market website. At the top, there is a purple header bar with the website's logo and navigation links: Trang chủ, Quản lý tin, Đơn hàng, Chat, diep the sang, Đăng tin. Below the header is a search bar labeled 'Tim kiem...'. A large promotional banner in the center features three smartphones and a small device, with text in Vietnamese: 'Combo Phụ Kiện Giá Sốc MUA NHIỀU GIẢM NHIỀU Giảm đến 15%'.

Below the banner is a section titled 'Thể loại' (Categories) featuring eight categories with icons: Thiết bị điện tử, Thời trang đồ dùng cá nhân, Giải trí, thể thao, sở thích, Đồ gia dụng, nội thất, cây cảnh, Phương tiện vận chuyển ô tô, xe máy, Trang thiết bị y tế, Mẹ và bé, and Đồ dùng văn phòng.

The main content area has three sections:

- Tin đăng dành cho bạn:** A grid of 12 items, each with a thumbnail, name, price, and a timestamp. Examples include:
 - giay nike air: 6.200.000 đ
 - loa bluetooth: 8.000.000 đ
 - máy chơi game ps4: 2.500.000 đ
 - đồng hồ casio điện tử: 200.000 đ
 - dàn guitar acoustic: 900.000 đ
 - Bộ bàn ghế gamming: 2.000.000 đ
 - lều cắm trại: 40.000 đ
 - sách đặc nhân tam: 40.000 đ
 - Bàn phím cơ ek387: 500.000 đ
 - card đồ họa: 4.500.000 đ
 - macbook air 2020: 15.000.000 đ
- Sản phẩm đang đấu giá:** A grid of 7 items, each with a thumbnail, name, and status 'Đang đấu giá'. Examples include:
 - laptop dell
 - cannon 550D
 - cannon 550D
 - samsung galaxy y
 - Bàn ghế văn phòng
 - Máy in canon cũ
 - iphone 14 trả bão hành

At the bottom of the page, there is a footer bar with the text 'Second-hand Market' and social media links for Facebook, Instagram, and Twitter. It also includes a copyright notice: 'Product by Nhóm 5 © 2022'.

Figure 10: Step 1 in the Filter product by category 1

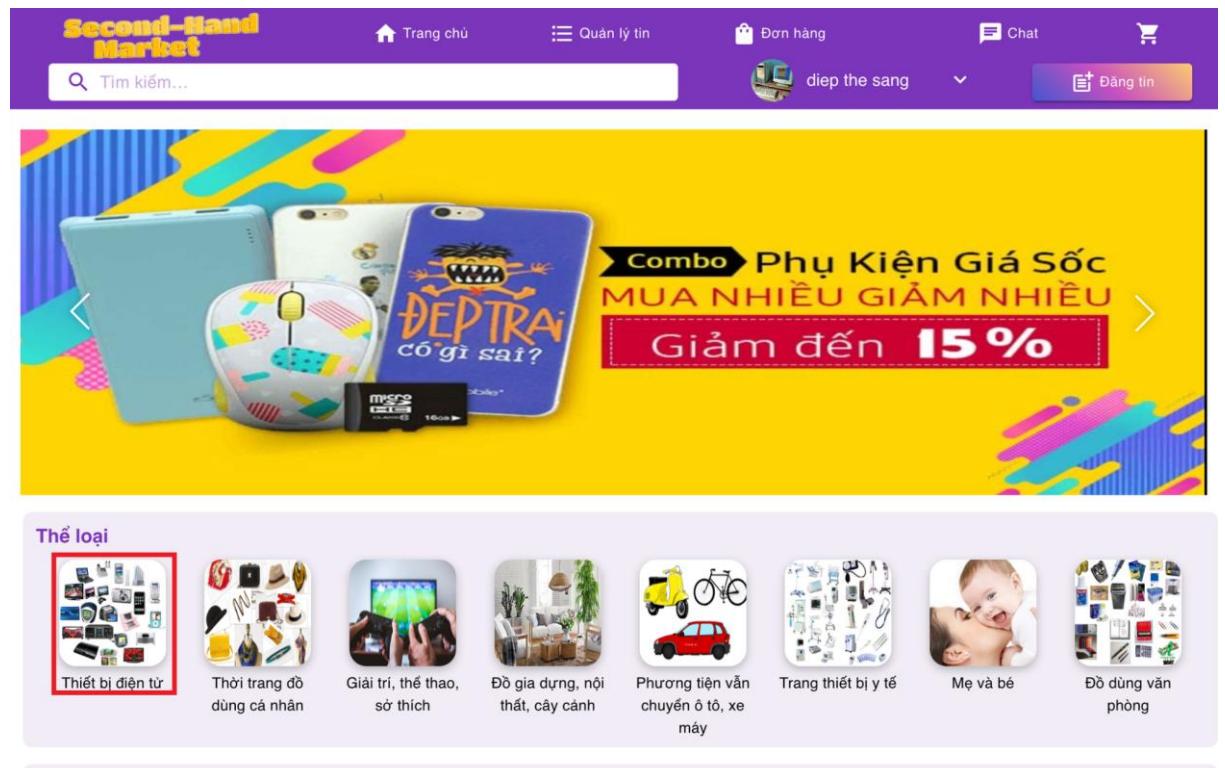


Figure 11: Step 1 in the Filter product by category 2

- Step 2: After clicking select 1 "Thể loại". Users can see products by that category.

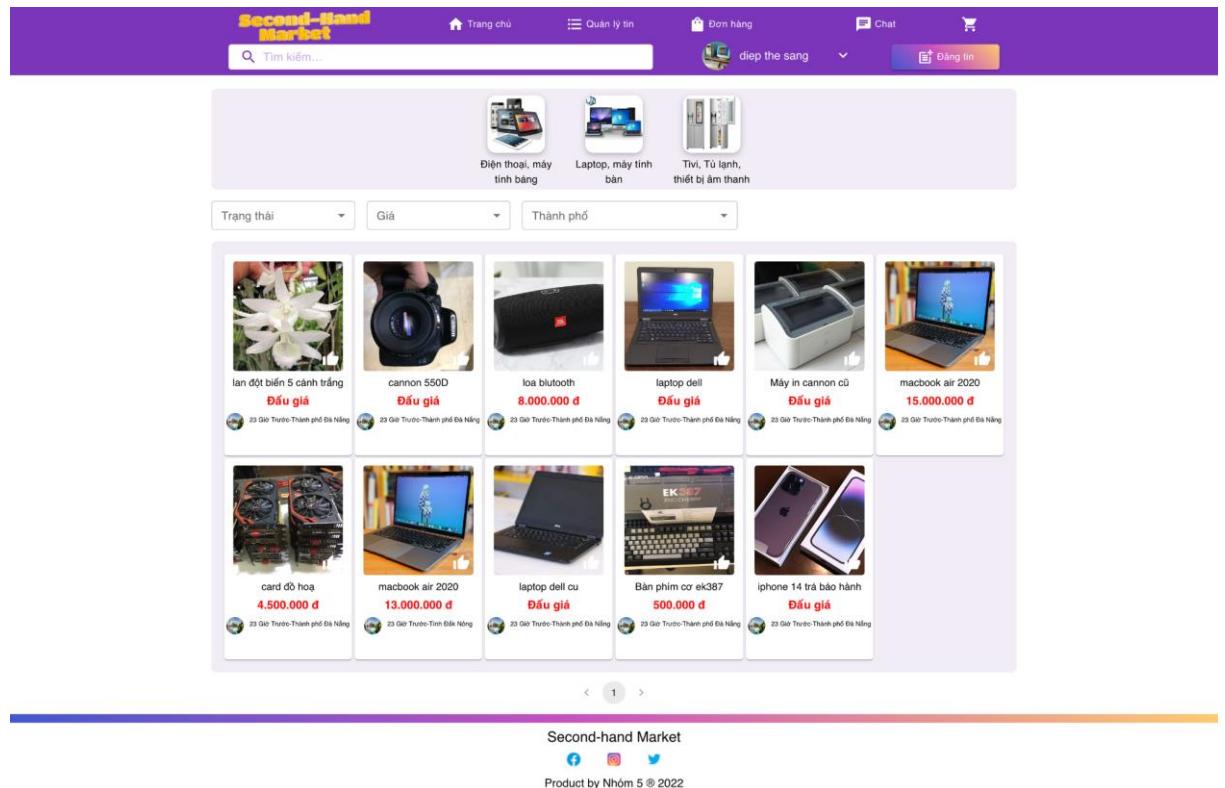


Figure 12: Step 2 in the Filter product by category

- Step 3: At the screen, the list of posts has been filtered by category. Users can further filter posts by subcategory. By clicking on any subcategory.

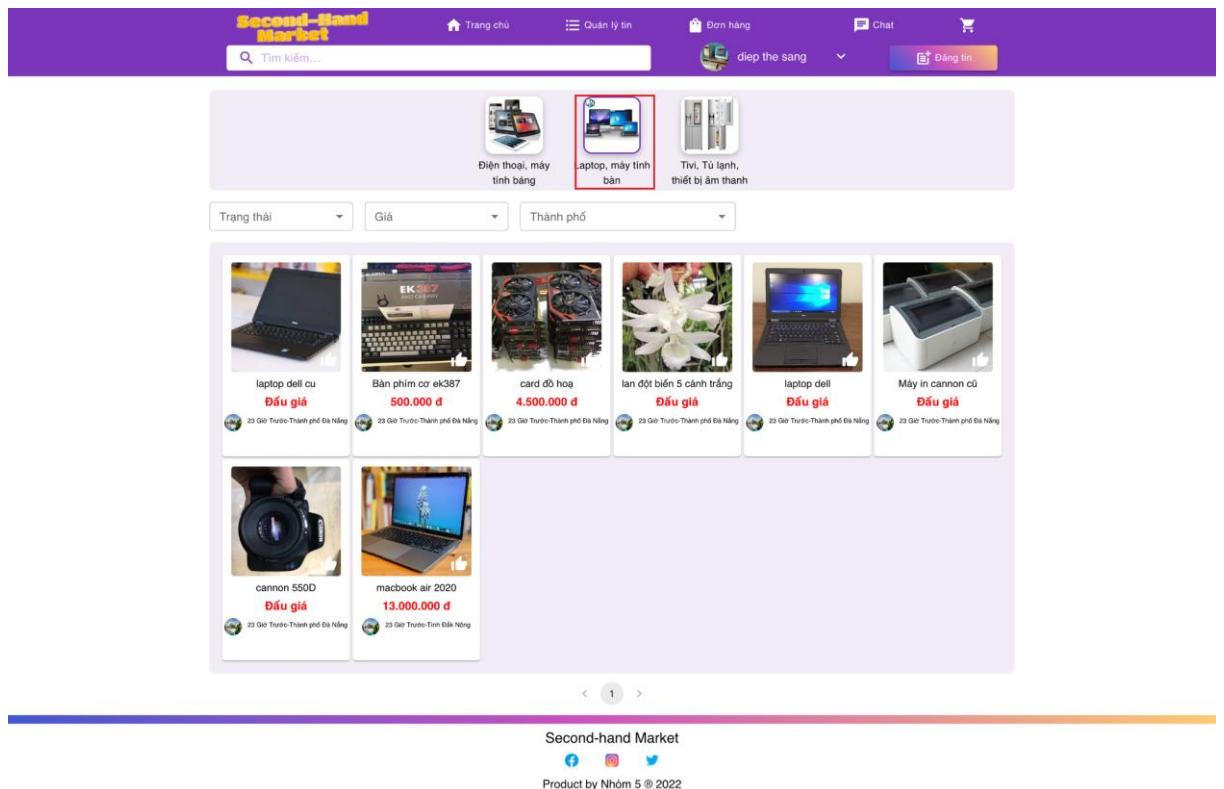


Figure 13: Step 3 in the Filter product by category

- Step 4: After the user has filtered product posts by subcategory. Users can still filter in more detail such as filtering by “Trạng thái”, “Giá” and “Thành phố”.

Filter by product status

The screenshot shows the homepage of the "Second-Hand Market" website. At the top, there is a purple header bar with the site's name, navigation links for "Trang chủ", "Quản lý tin", and "Đơn hàng", and a search bar labeled "Tìm kiếm...". Below the header, there are three main category icons: "Điện thoại, máy tính bảng" (Smartphones, tablets), "Laptop, máy tính bàn" (Laptops, desktops), and "Tivi, Tủ lạnh, thiết bị âm thanh" (Televisions, refrigerators, audio equipment). In the middle section, there are three dropdown filters: "Trạng thái" (Status) set to "Tin Mới" (New), "Giá" (Price) set to "Giá từ thấp tới cao" (Price from low to high), and "Thành phố" (City) set to "Thành phố Đà Nẵng" (Da Nang City). Below these filters, there are three product cards displayed:

- Bàn phím cơ ek387** - **500.000 đ** - **Tin Mới** - **Đang đấu giá** - **23 Giờ Trước** - **Thành phố Đà Nẵng**
- card đồ họa** - **4.500.000 đ** - **23 Giờ Trước** - **Thành phố Đà Nẵng**
- macbook air 2020** - **13.000.000 đ** - **23 Giờ Trước** - **Tỉnh Đăk Nông**

Figure 14: Step 4 in the Filter product by category 1

Filter by product price

The screenshot shows the homepage of the "Second-Hand Market" website. At the top, there is a purple header bar with the site's logo, navigation links for "Trang chủ", "Quản lý tin", and "Đơn hàng", and a search bar labeled "Tìm kiếm...". Below the header, there are three main category icons: "Điện thoại, máy tính bảng" (Smartphones, tablets), "Laptop, máy tính bàn" (Laptops, desktops), and "Tivi, Tủ lạnh, thiết bị âm thanh" (Televisions, refrigerators, audio equipment). A dropdown menu is open under the "Giá" (Price) filter, showing two options: "Giá từ thấp tới cao" (Low to High) and "Giá từ cao tới thấp" (High to Low). The "Giá từ thấp tới cao" option is highlighted with a red border. Below the dropdown, there are two product cards: one for a "Bàn phím cơ ek387" (EK387 mechanical keyboard) priced at 500,000đ, and another for a "card đồ họa" (graphics card) priced at 4,500,000đ.

Figure 15: Step 4 in the Filter by category 2

Filter by city

The screenshot shows the website's header with the title 'Second-Hand Market'. Below the header is a search bar labeled 'Tìm kiếm...'. To the right of the search bar are three categories: 'Điện thoại, máy tính bảng' (Smartphones, tablets), 'Laptop, máy tính bàn' (Laptops, desktops), and 'Tivi, Tủ lạnh, thiết bị âm thanh' (Televisions, refrigerators, audio equipment). Below these categories are two dropdown filters: 'Trạng thái' (Status) and 'Giá' (Price). A red box highlights the 'Trạng thái' dropdown, which is set to 'Tin Mới' (New). Another red box highlights the 'Giá' dropdown, which is set to 'Giá từ thấp tới cao' (Price from low to high). A third red box highlights the 'Thành phố' (City) dropdown, which is set to 'Thành phố Đà Nẵng' (Da Nang City). A dropdown menu for 'Thành phố' is open, showing 'Thành phố Đà Nẵng' and 'Tỉnh Đăk Nông'.

Figure 16: Step 4 in the Filter by category 3

- Step 5: If the user wants to filter by product status "Sản phẩm cũ". All product posts that are in the old state of that category are displayed.

The screenshot shows the website's header with the title 'Second-Hand Market'. Below the header is a search bar labeled 'Tìm kiếm...'. To the right of the search bar are three categories: 'Điện thoại, máy tính bảng' (Smartphones, tablets), 'Laptop, máy tính bàn' (Laptops, desktops), and 'Tivi, Tủ lạnh, thiết bị âm thanh' (Televisions, refrigerators, audio equipment). Below these categories are three dropdown filters: 'Trạng thái' (Status), 'Giá' (Price), and 'Thành phố' (City). The 'Trạng thái' dropdown is set to 'Tin Mới' (New), the 'Giá' dropdown is set to 'Giá từ thấp tới cao' (Price from low to high), and the 'Thành phố' dropdown is set to 'Thành phố Đà Nẵng' (Da Nang City). A red box highlights the 'Trạng thái' dropdown. The main content area displays a grid of product cards. One card for a 'Bàn phím cơ ek387' is highlighted with a red box, showing its price as '500.000 đ'. Other cards include 'card đồ họa' (graphics card) for '4.500.000 đ' and a 'macbook air 2020' for '13.000.000 đ'. The footer of the page includes social media links and the text 'Second-hand Market' and 'Product by Nhóm 5 © 2022'.

Figure 17: Step 5 in the Filter by category

3.1.7 Manage product to sell

3.1.7.1 Manage post

- Step 1: Click on “Quản lý tin” on header

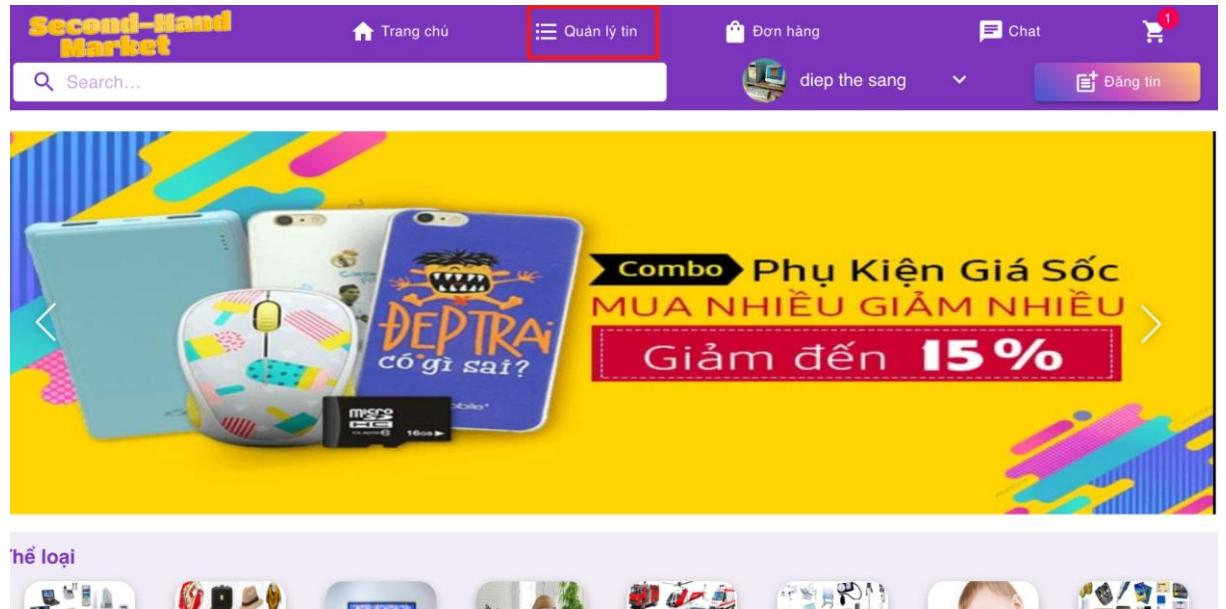


Figure 18: Step 1 in the Post management of Product management for sale

- Step 2: Posted posts are displayed below

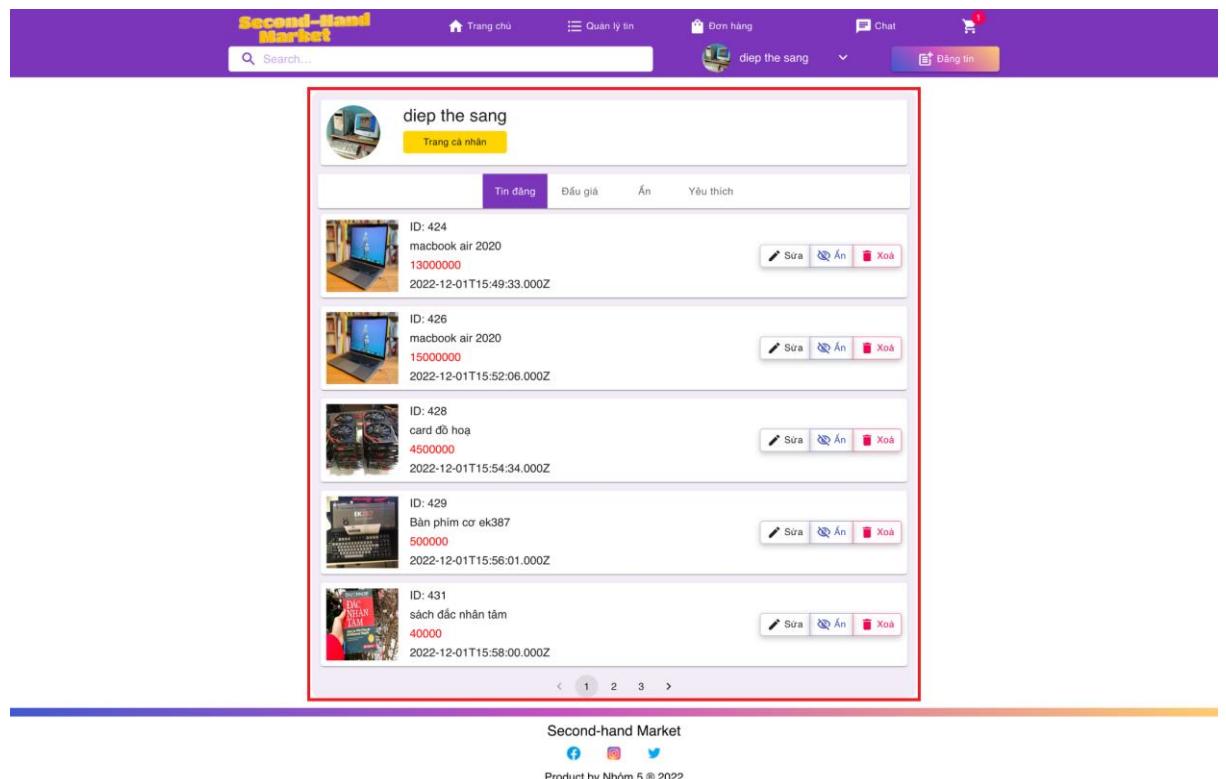
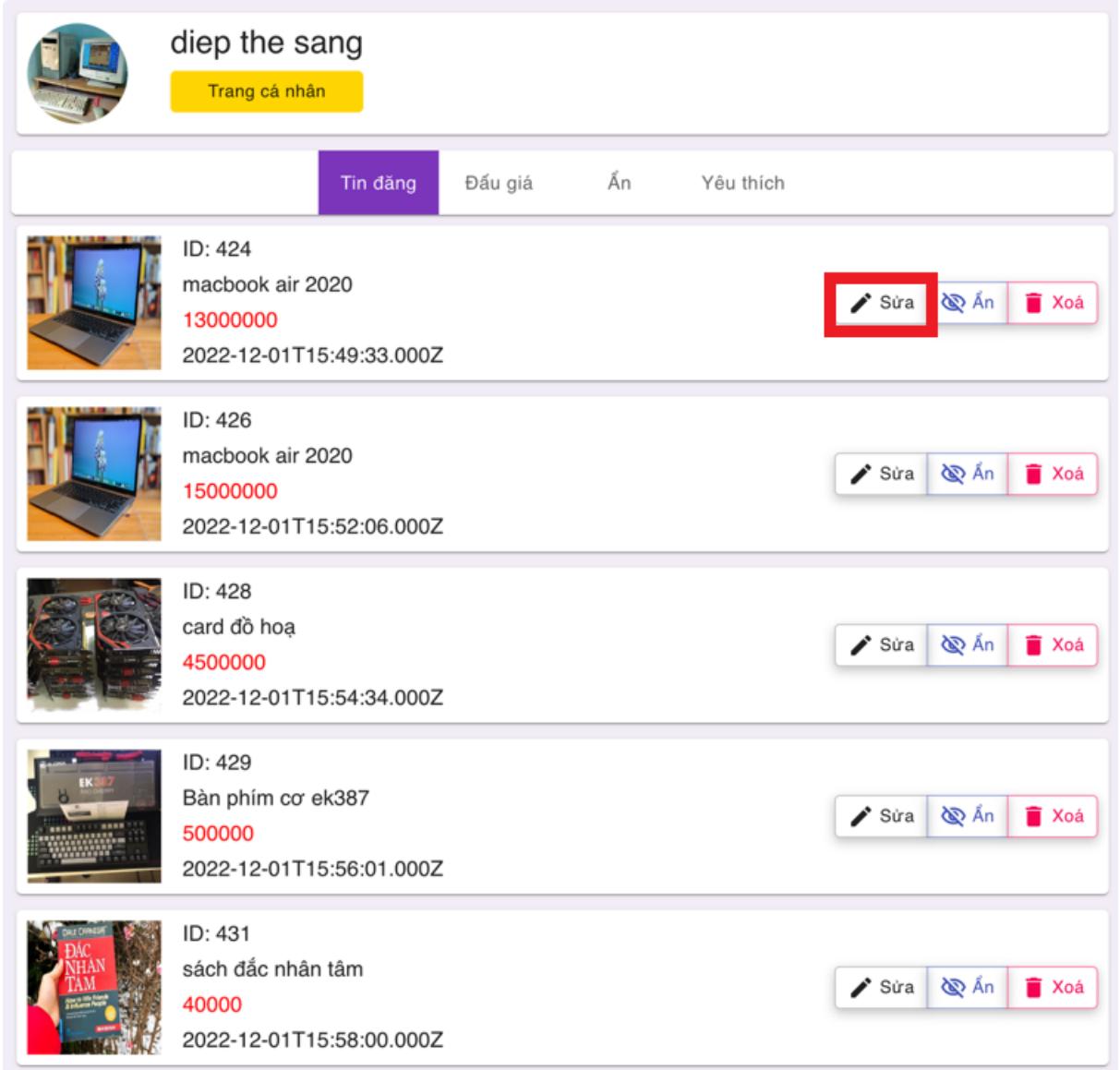


Figure 19: Step 2 in the Post management of Product management for sale

- Step 3: Users can use the functions of editing posts, hiding posts, and deleting posts.

- + This is the post editor function.

From the results when clicking on the post. Click "Sửa" to use the post editing function



ID	Item Description	Price	Date	Action Buttons
424	macbook air 2020	13000000	2022-12-01T15:49:33.000Z	Sửa Ấn Xoá
426	macbook air 2020	15000000	2022-12-01T15:52:06.000Z	Sửa Ấn Xoá
428	card đồ họa	4500000	2022-12-01T15:54:34.000Z	Sửa Ấn Xoá
429	Bàn phím cơ ek387	500000	2022-12-01T15:56:01.000Z	Sửa Ấn Xoá
431	sách đặc nhân tâm	40000	2022-12-01T15:58:00.000Z	Sửa Ấn Xoá

Figure 20: Step 3 in the Post management of Product management for sale

Users can edit the information in the post.

The screenshot shows a product listing form. On the left, there is a placeholder for an image with a camera icon and the text "Thêm hình ảnh". To the right, the form fields are as follows:

- Thể loại: Thiết bị điện tử
- Điện thoại, máy tính bảng
- Tên sản phẩm: iphone 14 cũ
- Trạng thái sản phẩm: Sản phẩm cũ (chưa sửa chữa)
- Bảo hành: Còn bảo hành
- Sản xuất tại: Trung Quốc
- Mô tả: Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ
- Sản phẩm dùng để cho tặng
- Đấu giá
- Giá *: 25000000
- Tỉnh/Thành phố: Thành phố Đà Nẵng
- Huyện/Quận: Quận Cẩm Lệ
- Xã/Phường: Phường Hòa Xuân
- Đường: 169 Mệ Thứ

A purple button at the bottom right says "TẠO BÀI VIẾT".

Figure 21: Step 3 in the Manage Post of Product management for sale 1

+ This is the function to hide the post. Users can hide their posts so others can't see their posts. Click "Ẩn" to use the post hiding function

The screenshot shows a user profile for 'diep the sang' with a yellow 'Trang cá nhân' button. Below the profile, there are five posts listed, each with a small image, ID, product name, price, and a timestamp. To the right of each post is a set of three buttons: 'Sửa' (Edit), 'Ẩn' (Hide), and 'Xoá' (Delete). The 'Ẩn' button is highlighted with a red box in the first four posts.

ID	Product Name	Price	Date	Action Buttons
424	macbook air 2020	13000000	2022-12-01T15:49:33.000Z	Sửa Ẩn Xoá
426	macbook air 2020	15000000	2022-12-01T15:52:06.000Z	Sửa Ẩn Xoá
428	card đồ họa	4500000	2022-12-01T15:54:34.000Z	Sửa Ẩn Xoá
429	Bàn phím cơ ek387	500000	2022-12-01T15:56:01.000Z	Sửa Ẩn Xoá
431	sách đắc nhân tâm	40000	2022-12-01T15:58:00.000Z	Sửa Ẩn Xoá

Figure 22: Step 3 in the Manage Post of Product management for sale 2

That post will go to the hidden post list item

The screenshot shows a user profile for 'diep the sang'. Below the profile picture and name, there is a yellow button labeled 'Trang cá nhân' (Personal Page). A navigation bar at the top includes tabs for 'Tin đăng', 'Đấu giá', 'Ẩn' (which is highlighted in purple), and 'Yêu thích'. Three posts are listed below:

- ID: 423**
iphone 11
11000000
2022-11-01T15:41:36.000Z
- ID: 424**
macbook air 2020
13000000
2022-12-01T15:49:33.000Z
- ID: 439**
iphone 14 cũ
Đấu giá
2022-12-01T16:22:10.000Z

Each post has a blue 'Hiển thị' (Display) button with an eye icon to its right.

Figure 23: Step 3 in the Manage Post of Product management for sale 3

+ This is the post delete function. Click "Xóa" to use the post deleting function

The screenshot shows a web-based application interface for managing products. At the top, there is a user profile section with a circular profile picture, the name 'diep the sang', and a yellow button labeled 'Trang cá nhân'. Below this is a navigation bar with tabs: 'Tin đăng' (selected), 'Đấu giá', 'Ẩn', and 'Yêu thích'. The main content area displays five product posts, each with a small thumbnail image, the product ID, name, price, and timestamp, followed by three action buttons: 'Sửa' (Edit), 'Ẩn' (Hide), and 'Xoá' (Delete). The 'Xoá' button for the first item is highlighted with a red border.

ID	Product Name	Price	Date	Action
424	macbook air 2020	13000000	2022-12-01T15:49:33.000Z	Sửa Ẩn Xoá
426	macbook air 2020	15000000	2022-12-01T15:52:06.000Z	Sửa Ẩn Xoá
428	card đồ họa	4500000	2022-12-01T15:54:34.000Z	Sửa Ẩn Xoá
429	Bàn phím cơ ek387	500000	2022-12-01T15:56:01.000Z	Sửa Ẩn Xoá
431	sách đắc nhân tâm	40000	2022-12-01T15:58:00.000Z	Sửa Ẩn Xoá

Figure 24: Step 3 in the Manage Post of Product management for sale 4

Click on “có” to yes, click on “Không” to reject

ID	Title	Price	Date	Action Buttons
424	macbook air 2020	13000000	2022-12-01T15:49:33.000Z	Sửa Ẩn Xoá
426	macbook air 2020	15000000	2022-12-01T15:49:33.000Z	Sửa Ẩn Xoá
428	card đồ họa	4500000	2022-12-01T15:54:34.000Z	Sửa Ẩn Xoá
429	Bàn phím cơ ek387	500000	2022-12-01T15:56:01.000Z	Sửa Ẩn Xoá
431	sách đắc nhân tâm	40000	2022-12-01T15:58:00.000Z	Sửa Ẩn Xoá

Figure 25: Step 3 in the Manage Post of Product management for sale 5

3.1.7.2 Manage auction

- Step 1: Click on “Quản Lý Tin” on header



Figure 26: Step 1 in the Manage auction of Product management for sale

- Step 2: Screen results when switching to posting management. Click "Đấu giá" to view and manage auction posts.

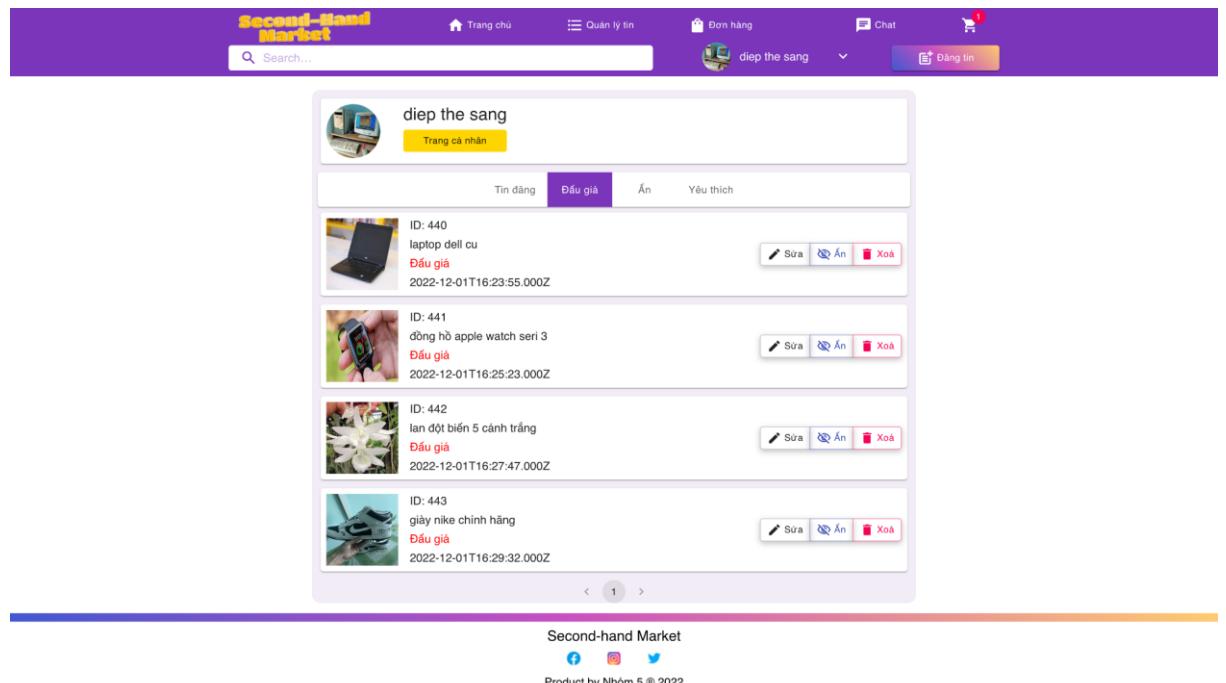


Figure 27: Step 2 in the Manage auction of Product management for sale

- Step 3: At the auction management screen, users can perform the functions of product management for sale such as editing posts, hiding posts, and deleting posts.
- + This is the auction post editing function. Click "Sửa" to use the post editing function

ID	Item Description	Date	Action Buttons
440	laptop dell cu Đấu giá	2022-12-01T16:23:55.000Z	Sửa Ẩn Xoá
441	đồng hồ apple watch seri 3 Đấu giá	2022-12-01T16:25:23.000Z	Sửa Ẩn Xoá
442	lan đột biến 5 cánh trắng Đấu giá	2022-12-01T16:27:47.000Z	Sửa Ẩn Xoá
443	giày nike chính hãng Đấu giá	2022-12-01T16:29:32.000Z	Sửa Ẩn Xoá

Figure 28: Step 3 in the Manage auction of Product management for sale 1

Enter the edit information to update the auction post.

The screenshot shows a form for managing a product auction. On the left, there is a placeholder for an image with a camera icon and the text "Thêm hình ảnh". To the right, the form fields are as follows:

- Thể loại: Thiết bị điện tử
- Điện thoại, máy tính bảng: iPhone 14 cũ
- Tình trạng sản phẩm: Sản phẩm cũ (chưa sửa chữa)
- Bảo hành: Còn bảo hành
- Sản xuất tại: Trung Quốc
- Mô tả:
Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ
- Sản phẩm dùng để cho tặng
- Đấu giá
- Giá *: 25000000
- Tỉnh/Thành phố: Thành phố Đà Nẵng
- Huyện/Quận: Quận Cẩm Lệ
- Xã/Phường: Phường Hòa Xuân
- Đường: 169 Mệ Thứ

A purple button at the bottom right says "TẠO BÀI VIẾT".

Figure 29: Step 3 in the Manage auction of Product management for sale 2

- + This is an arbitrary auction post-hiding function. Users can click the "Ẩn" button at the auction post management screen. And can unhide to show the auction post again when clicking the "Hiển thị" button on the hidden post management screen.

ID	Product Name	Price	Date	Action
ID: 423	iphone 11	11000000	2022-11-01T15:41:36.000Z	Hiển thị
ID: 424	macbook air 2020	13000000	2022-12-01T15:49:33.000Z	Hiển thị
ID: 439	iphone 14 cũ	Đấu giá	2022-12-01T16:22:10.000Z	Hiển thị

Figure 30: Step 3 in the Manage auction of Product management for sale 3

+ This is the function to delete the auction post. Click "Xóa" to use the post deleting function

The screenshot shows a list of four auction posts managed by 'diep the sang'. Each post includes a thumbnail image, ID, item name, price status, creation date, and a set of three buttons: 'Sửa' (Edit), 'Ẩn' (Hide), and 'Xoá' (Delete). The 'Xoá' button for the first post is highlighted with a red box.

ID	Item Description	Status	Creation Date	Action Buttons
440	laptop dell cũ	Đấu giá	2022-12-01T16:23:55.000Z	Sửa Ẩn Xoá
441	đồng hồ apple watch seri 3	Đấu giá	2022-12-01T16:25:23.000Z	Sửa Ẩn Xoá
442	lan đột biến 5 cánh trắng	Đấu giá	2022-12-01T16:27:47.000Z	Sửa Ẩن Xoá
443	giày nike chính hãng	Đấu giá	2022-12-01T16:29:32.000Z	Sửa Ẩn Xoá

Figure 31: Step 3 in the Manage auction of Product management for sale 4

Click on “có” to yes, click on “Không” to reject

The screenshot shows a user profile for "diep the sang" with a circular profile picture. Below the profile is a yellow button labeled "Trang cá nhân". A navigation bar at the top includes "Tin đăng" (highlighted in purple), "Đấu giá", "Ấn", and "Yêu thích".

The main content area displays five items:

- ID: 424**
macbook air 2020
13000000
2022-12-01T15:49:33.000Z
- ID: 426**
macbook air 2020
15000000
2022-12-01T15:49:33.000Z
- ID: 428**
card đồ họa
4500000
2022-12-01T15:54:34.000Z
- ID: 429**
Bàn phím cơ ek387
500000
2022-12-01T15:56:01.000Z
- ID: 431**
sách đắc nhân tâm
40000
2022-12-01T15:58:00.000Z

A modal dialog box is centered over the third item (ID: 428). It contains the message "Bạn có chắc muốn xoá bài viết này!" (Are you sure you want to delete this post?). Two buttons are visible: a purple "Có" (Yes) button and a grey "Không" (No) button.

Figure 32: Step 3 in the Manage auction of Product management for sale 5

3.1.7.2 Manage hide post

- Step 1: Click on “Quản Lý Tin” on header



Figure 33: Step 1 in the Manage hide post of Product management for sale

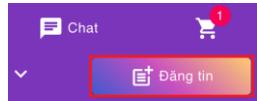
- Step 2: Screen results when switching to message management

The screenshot shows the message management interface for the user "diep the sang". The top navigation bar includes the user's profile picture, the name "diep the sang", and a "Trang cá nhân" button. Below the navigation bar, there is a menu with four options: "Tin đăng", "Đấu giá", "Ẩn" (which is highlighted with a red box), and "Yêu thích". The main content area displays two messages (posts) from the user. Each message card includes a thumbnail image, the post ID, the item name, the starting bid price, and the creation date. To the right of each message card is a "Hiển thị" (Show) button. At the bottom of the page, there is a navigation bar with arrows and a page number indicator.

ID	Item Name	Starting Bid Price	Date
423	iphone 11	11000000	2022-12-01T15:41:36.000Z
439	iphone 14 cũ	Đấu giá	2022-12-01T16:22:10.000Z

Figure 34: Step 2 in the Manage hide post of Product management for sale

3.1.8 Post product to sell



- Step 1: Click "Đăng tin"
- Step 2: Enter all product post information including category, subcategory, product name, product status, warranty, origin, product description, price, and address.

Note: You can click on "Sản phẩm dùng để tặng" if you want to post products priced at 0 VND. You can click on "Đấu giá" if you want to post products to create an auction. Do not select any if you want to post the product as a regular post.

The screenshot shows a product posting form. On the left, there's a placeholder for an image with a camera icon and a 'Thêm hình ảnh' button. To the right are several dropdown menus and input fields:

- Thể loại (Category)
- Tên sản phẩm (Product Name)
- Trạng thái sản phẩm (Product Status)
- Bảo hành (Warranty)
- Sản xuất tại (Manufacturing Location)
- Mô tả (Description)

Below these are two checkboxes:

- Sản phẩm dùng để tặng (Gift product)
- Đấu giá (Auction)

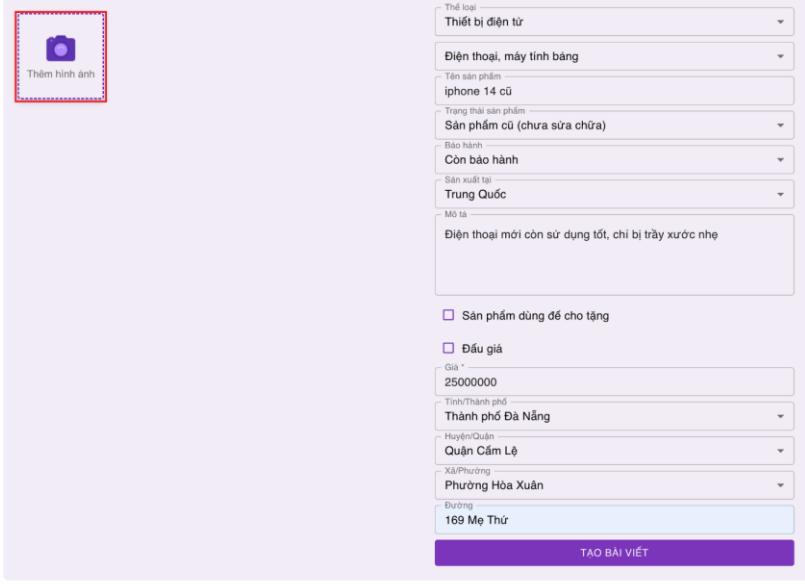
Further down are dropdown menus for location:

- Giá *
- Tỉnh/Thành phố
- Huyện/Quận
- Xã/Phường
- Đường

A large purple 'TAO BÀI VIẾT' (Create Post) button is at the bottom right.

Figure 35: Step 2 in the Post product to sell

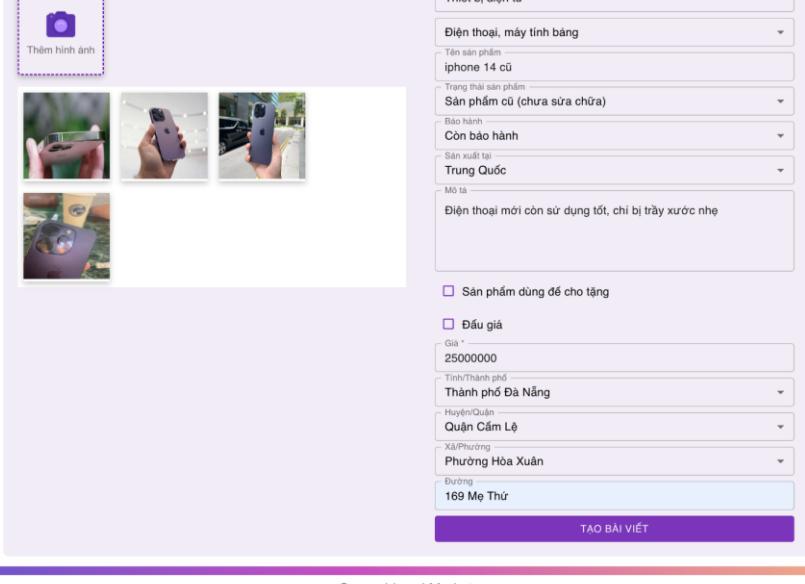
- Step 3: Enter complete product information and click "Thêm Hình Ảnh"



The screenshot shows the product posting interface. The top navigation bar includes links for Trang chủ, Quản lý tin, Đơn hàng, Chat, diep the sang, and Đăng tin. A search bar is present. The main form is for adding a second-hand item. The product type is selected as 'Thiết bị điện tử' (Electronics). The title is 'Điện thoại, máy tính bảng' (Phone, tablet), and the sub-title is 'iphone 14 cũ' (Used iPhone 14). The status is 'Sản phẩm cũ (chưa sửa chữa)' (Used product (not repaired)). The location is 'Trung Quốc' (China). The description is 'Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ' (The phone is new and still works well, with only minor scratches). There are checkboxes for 'Sản phẩm dùng để cho tặng' (Product used for gift) and 'Đầu giá' (Offer price). The price is set at 25000000. The address is listed as 'Tỉnh/Thành phố: Thành phố Đà Nẵng, Quận Cẩm Lệ, Phường Hòa Xuân, Đường 169 Mệ Thứ'. A purple 'TAO BÀI VIẾT' (Create post) button is at the bottom.

Figure 36: Step 3 Post product to sell 1

After adding the image will show as below



This screenshot shows the same product posting form as Figure 36, but with three images of the iPhone 14 added under the 'Thêm hình ảnh' section. The images show the phone from different angles. The rest of the form fields and layout are identical to Figure 36.

Figure 37: Step 3 Post product to sell 2

- Step 4: Click on “Tạo Bài Viết”

Thể loại: Thiết bị điện tử

Điện thoại, máy tính bảng

Tên sản phẩm: iPhone 14 cũ

Trạng thái sản phẩm: Sản phẩm cũ (chưa sửa chữa)

Bảo hành: Còn bảo hành

Sản xuất tại: Trung Quốc

Mô tả: Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ

Sản phẩm dùng để cho tặng

Đấu giá

Giá: 25000000

Tỉnh/Thành phố: Thành phố Đà Nẵng

Huyện/Quận: Quận Cẩm Lệ

Xã/Phường: Phường Hòa Xuân

Đường: 169 Mẹ Thứ

TẠO BÀI VIẾT

Figure 38: Step 4 in the Post product to sell 1

After successful creation, the message will be displayed



Tạo bài viết thành công



After successful creation will go to the product detail screen

The screenshot shows a product detail page for an iPhone 14. At the top, there's a purple header with the website name "Second-hand Market". Below the header, the main content area features a large image of a hand holding an iPhone 14. To the right of the image, the seller's profile "diep the sang" is displayed, showing a 5-star rating and a green "Xem trang" button. Below the profile, there's a green button for "Nhắn tin với người bán" and a yellow "MUA" button. The product title is "iphone 14 cũ" and the price is "25.000.000đ". A short description follows, along with several status icons. The location is listed as "169 Mệ Thứ - Phường Hòa Xuân - Quận Cẩm Lệ - Thành phố Đà Nẵng". Below the main product info, there's a section titled "Tin đăng khác" (Other ads) showing various items like cameras, laptops, and phones. At the bottom, there's a section titled "Tin đăng tương tự" (Similar ads) showing more iPhone 14 listings.

Figure 39: Step 4 in the Post product to sell 2

3.1.9 Create auction



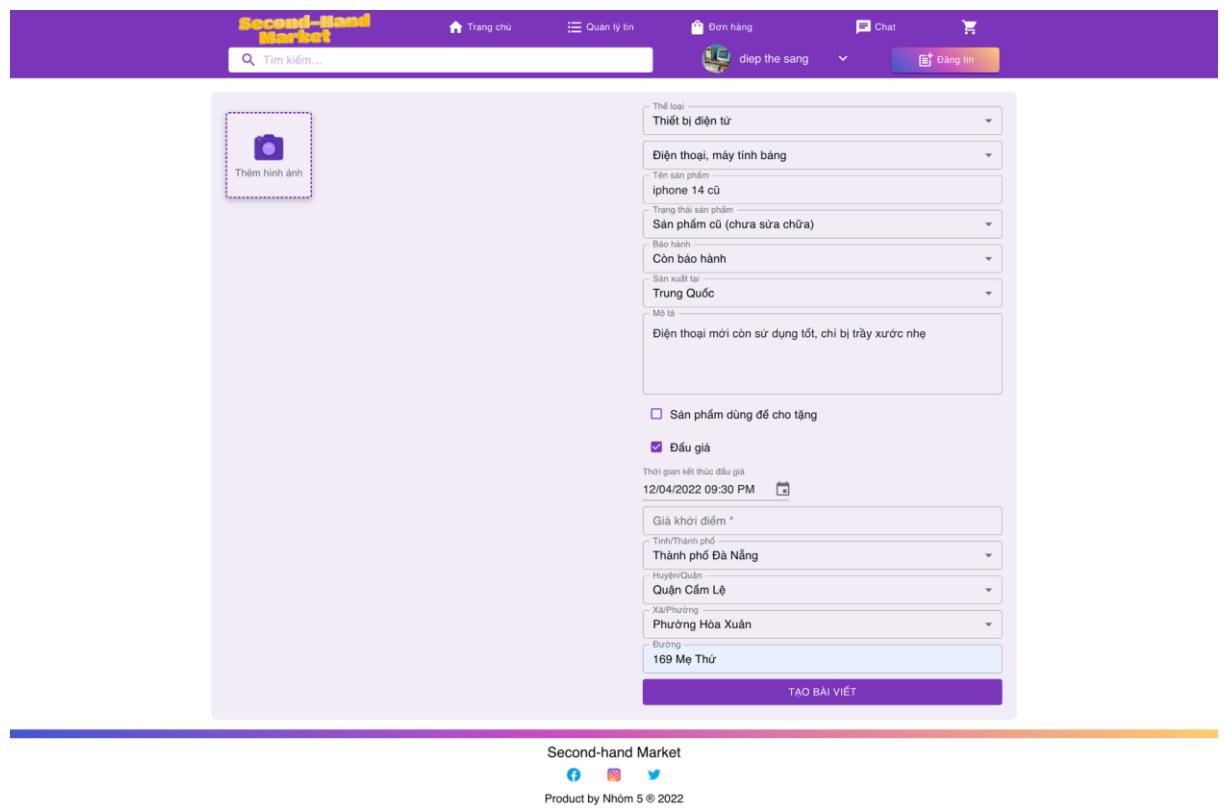
- Step 1: Click "Đăng tin"

- Step 2: Enter all product post information including category, subcategory, product name, product status, warranty, origin, product description, price, and address.

Note: You can click on "Sản phẩm dùng để tặng" if you want to post products priced at 0 VND. You can click on "Đấu giá" if you want to post products to create an auction. Do not select any if you want to post the product as a regular post.

Figure 40: Step 2 in the Create auction 1

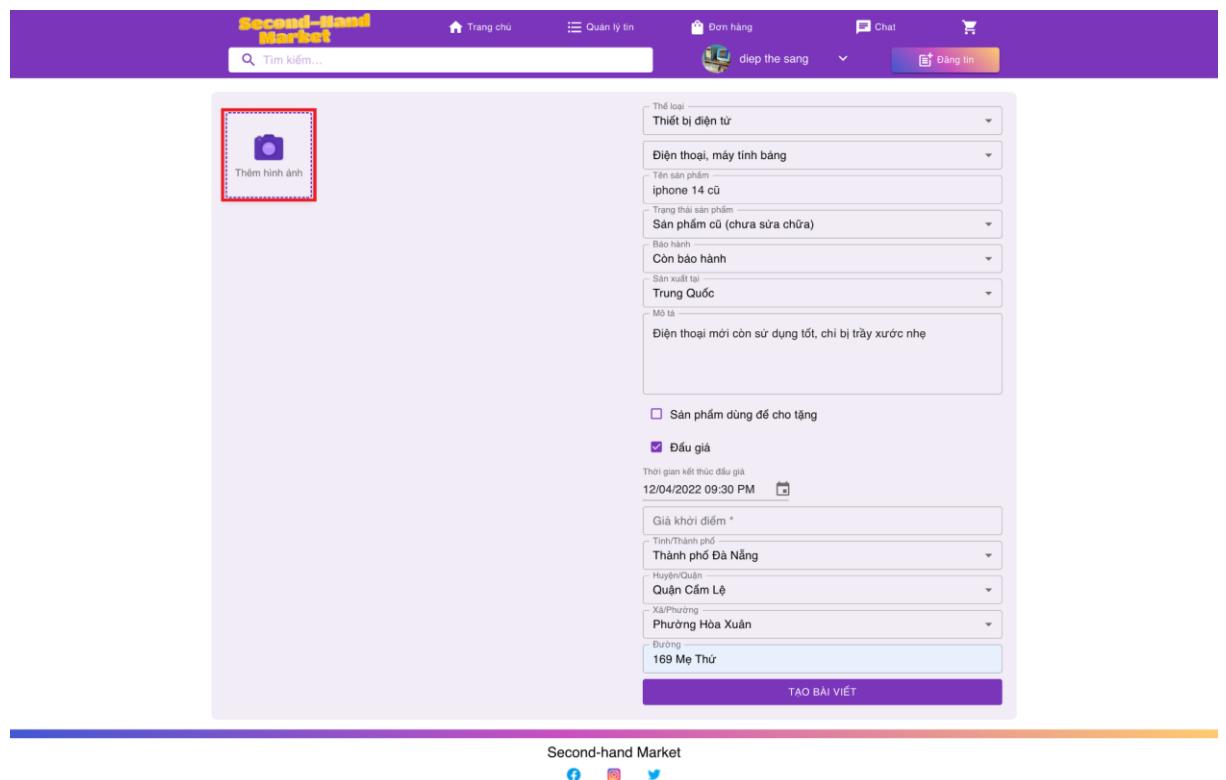
Enter complete product information (click on “Đầu Giá”) and click "Thêm Hình Ảnh"



The screenshot shows the auction creation form on the Second-hand Market website. The 'Thêm hình ảnh' (Add photo) button is highlighted with a red box. The form includes fields for product type (Thiết bị điện tử), name (iphone 14 cũ), condition (Sản phẩm cũ (chưa sửa chữa)), origin (Trung Quốc), description (Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ), and price (Đầu giá). The 'TAO BÀI VIẾT' (Create Post) button is at the bottom.

Figure 41: Step 2 in the Create auction 2

- Step 3: More detailed pictures



The screenshot shows the auction creation form on the Second-hand Market website. The 'Thêm hình ảnh' (Add photo) button is highlighted with a red box. The form includes fields for product type (Thiết bị điện tử), name (iphone 14 cũ), condition (Sản phẩm cũ (chưa sửa chữa)), origin (Trung Quốc), description (Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ), and price (Đầu giá). The 'TAO BÀI VIẾT' (Create Post) button is at the bottom.

Figure 42: Step 3 in the Create auction 1

After uploading the image will appear as follows

The screenshot shows the 'Second-hand Market' website's auction creation page. At the top, there is a purple header bar with the site's logo, navigation links like 'Trang chủ', 'Quản lý tin', 'Đơn hàng', 'Chat', and a user profile. Below the header is a search bar with placeholder text 'Tim kiếm...'. The main form area has several sections:

- Thể loại:** Thiết bị điện tử
- Tên sản phẩm:** iphone 14 cũ
- Trạng thái sản phẩm:** Sản phẩm cũ (chưa sửa chữa)
- Bảo hành:** Còn bảo hành
- Sản xuất tại:** Trung Quốc
- Mô tả:** Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ

Below the description are two checkboxes:
 Sản phẩm dùng để cho tặng
 Đấu giá

Under the 'Đấu giá' checkbox, there are fields for:
Thời gian kết thúc đấu giá: 12/04/2022 09:30 PM
Giá khởi điểm: 25000000
Tỉnh/Thành phố: Thành phố Đà Nẵng
Huyện/Quận: Quận Cẩm Lệ
Xã/Phường: Phường Hòa Xuân
Đường: 169 Mệ Thứ

A large purple button at the bottom right of the form area says 'TAO BÀI VIẾT'.

At the very bottom of the page, there is a footer with the text 'Second-hand Market' and social media icons for Facebook, Instagram, and Twitter. It also includes the text 'Product by Nhóm 5 © 2022'.

Figure 43: Step 3 in the Create auction 2

- Step 4: Click on “Tạo Bài Viết”

Thể loại: Thiết bị điện tử

Tên sản phẩm: iPhone 14 cũ

Trạng thái sản phẩm: Sản phẩm cũ (chưa sửa chữa)

Bảo hành: Còn bảo hành

Sản xuất tại: Trung Quốc

Mô tả: Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ

Sản phẩm dùng để cho tặng

Đầu giá

Thời gian kết thúc đấu giá: 12/04/2022 09:30 PM

Giá khởi điểm *: 25000000

Tỉnh/Thành phố: Thành phố Đà Nẵng

Huyện/Quận: Quận Cẩm Lệ

Xã/Phường: Phường Hòa Xuân

Đường: 169 Mẹ Thứ

TAO BÀI VIẾT

Figure 44: Step 4 in the Create auction 1

After successful creation, the message will be displayed



Tạo bài viết thành công



After successful creation will go to the product detail screen

The screenshot shows a product detail page for an iPhone 14. At the top, there's a purple header bar with the "Second-hand Market" logo, a search bar, and user account information for "diep the sang". The main content area features a large image of the iPhone 14 camera system. Below the image, the text "iphone 14 cũ" is displayed. To the right of the image, there's a profile section for "diep the sang" showing a 5-star rating and a phone number "1133111139". A green button labeled "ĐẦU GIÁ" is prominent. The central text area contains the product title "iphone 14 cũ", a brief description ("Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ"), and several status indicators: "Tình trạng: Sản phẩm cũ (chưa sửa chữa)", "Bảo hành: Còn bảo hành", "Sản xuất tại: Trung Quốc", and "Thể loại: Điện thoại, máy tính bảng". Below this, the address "169 Mệ Thứ - Phường Hòa Xuân - Quận Cẩm Lệ - Thành phố Đà Nẵng" is listed. A section titled "Tin đăng khác" shows thumbnails for various items like a gaming desk, a tent, books, and a laptop. Another section titled "Tin đăng tương tự" shows similar products like an iPhone 14 and a MacBook Air. The footer includes the "Second-hand Market" logo and social media links.

Figure 45: Step 4 in the Create auction 2

3.1.10 Manage auction product

- Step 1: Click on “Quản Lý Tin” on header

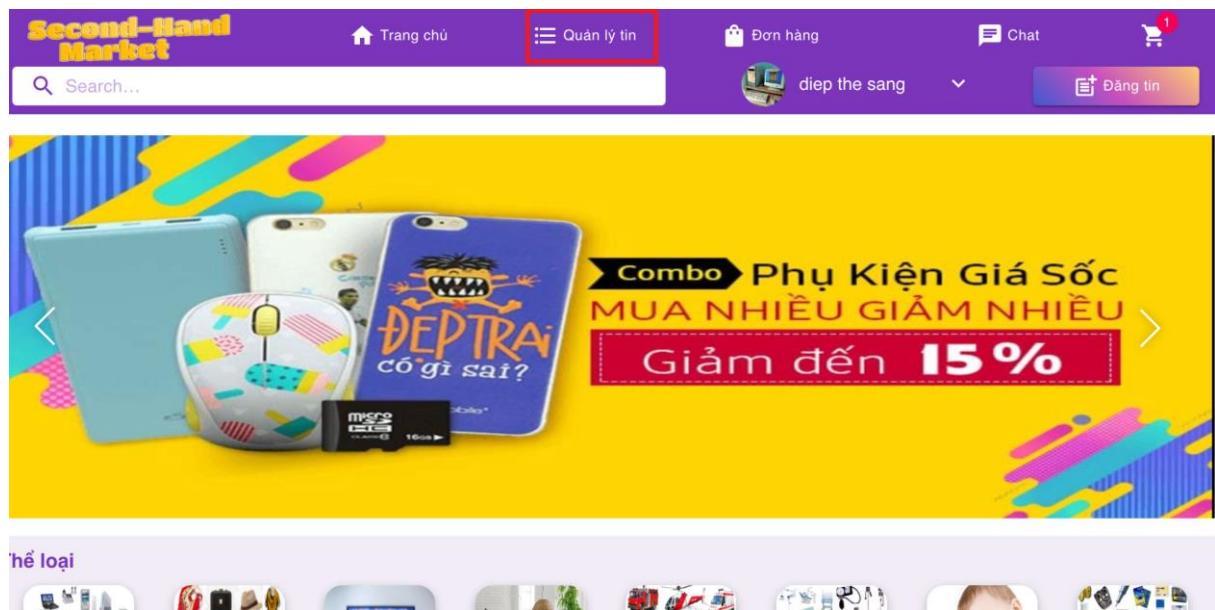


Figure 46: Step 1 in the Manage auction product

- Step 2: Screen results when switching to posting management. Click "Đầu giá" to view and manage auction posts.

ID	Item Description	Current Bid Price	Action Buttons
440	laptop dell cu	Đầu giá 2022-12-01T16:23:55.000Z	
441	đồng hồ apple watch seri 3	Đầu giá 2022-12-01T16:25:23.000Z	
442	lan đột biến 5 cánh trắng	Đầu giá 2022-12-01T16:27:47.000Z	
443	giày nike chính hãng	Đầu giá 2022-12-01T16:29:32.000Z	
445	laptop dell	Đầu giá 2022-12-02T07:33:51.000Z	

< 1 2 3 >

Figure 47: Step 2 in the Manage auction product

- Step 3: At the auction management screen, users can perform the functions of product management for sale such as editing posts, hiding posts, and deleting posts.

+ This is the auction post editing function. Click "Sửa" to use the post editing function

The screenshot shows a user profile for 'diep the sang' with a yellow 'Trang cá nhân' button. Below the profile, there are four auction posts:

- ID: 440**
laptop dell cu
Đấu giá
2022-12-01T16:23:55.000Z
- ID: 441**
đồng hồ apple watch seri 3
Đấu giá
2022-12-01T16:25:23.000Z
- ID: 442**
lan đột biến 5 cánh trắng
Đấu giá
2022-12-01T16:27:47.000Z
- ID: 443**
giày nike chính hãng
Đấu giá
2022-12-01T16:29:32.000Z

Each auction post includes a row of buttons: 'Sửa' (highlighted with a red box), 'Ẩn', and 'Xoá'.

Figure 48: Step 3 in the Manage auction product 1

Enter the edit information to update the auction post.

The screenshot displays a form for managing an auction product. At the top left is a camera icon with a dashed blue border, labeled "Thêm hình ảnh". To its right are several input fields:

- Thể loại: Thiết bị điện tử
- Điện thoại, máy tính bảng: iPhone 14 cũ
- Trạng thái sản phẩm: Sản phẩm cũ (chưa sửa chữa)
- Bảo hành: Còn bảo hành
- Sản xuất tại: Trung Quốc
- Mô tả: Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ

Below these fields are two checkboxes:

- Sản phẩm dùng để cho tặng
- Đấu giá

Under the "Đấu giá" checkbox are more input fields:

- Giá*: 25000000
- Tỉnh/Thành phố: Thành phố Đà Nẵng
- Huyện/Quận: Quận Cẩm Lệ
- Xã/Phường: Phường Hòa Xuân
- Đường: 169 Mệ Thứ

A purple button at the bottom right is labeled "TẠO BÀI VIẾT".

Figure 49: Step 3 in the Manage auction product 2

- + This is an arbitrary auction post-hiding function. Users can click the "Ẩn" button at the auction post management screen. And can unhide to show the auction post again when clicking the "Hiển thị" button on the hidden post management screen.

The screenshot shows a user profile for 'diep the sang' with a yellow 'Trang cá nhân' button. Below the profile, there are four auction posts:

- ID: 440**
laptop dell cu
Đấu giá
2022-12-01T16:23:55.000Z
- ID: 441**
đồng hồ apple watch seri 3
Đấu giá
2022-12-01T16:25:23.000Z
- ID: 442**
lan đột biến 5 cánh trắng
Đấu giá
2022-12-01T16:27:47.000Z
- ID: 443**
giày nike chính hãng
Đấu giá
2022-12-01T16:29:32.000Z

Each auction post includes a 'Sửa' (Edit) button, a red 'Ẩn' (Hide) button, and a red 'Xoá' (Delete) button. Navigation arrows at the bottom indicate the first page of four.

Figure 50: Step 3 in the Manage auction product 3

diep the sang

Trang cá nhân

Tin đăng Đấu giá **Ẩn** Yêu thích

 ID: 423
iphone 11
11000000
2022-11-01T15:41:36.000Z Hiển thị

 ID: 424
macbook air 2020
13000000
2022-12-01T15:49:33.000Z Hiển thị

 ID: 439
iphone 14 cũ
Đấu giá
2022-12-01T16:22:10.000Z Hiển thị

Figure 51: Step 3 in the Manage auction product 4

+ This is the function to delete the auction post. Click "Xóa" to use the post deleting function .

The screenshot shows a user interface for managing auction products. At the top, there's a profile picture and the name 'diep the sang'. Below that is a yellow button labeled 'Trang cá nhân'. A navigation bar with tabs 'Tin đăng' (listing), 'Đấu giá' (bid), 'Ẩn' (hidden), and 'Yêu thích' (favorites) is visible. The main content area displays four auction items:

- ID: 440**
laptop dell cu
Đấu giá
2022-12-01T16:23:55.000Z
- ID: 441**
đồng hồ apple watch seri 3
Đấu giá
2022-12-01T16:25:23.000Z
- ID: 442**
lan đột biến 5 cánh trắng
Đấu giá
2022-12-01T16:27:47.000Z
- ID: 443**
giày nike chính hãng
Đấu giá
2022-12-01T16:29:32.000Z

Each item has three buttons at the end of its row: 'Sửa' (Edit), 'Ẩn' (Hide), and 'Xoá' (Delete). The 'Xoá' button for the first item is highlighted with a red box.

Figure 52: Step 3 in the Manage auction product 5

Click on “có” to yes. Click on “Không” to reject

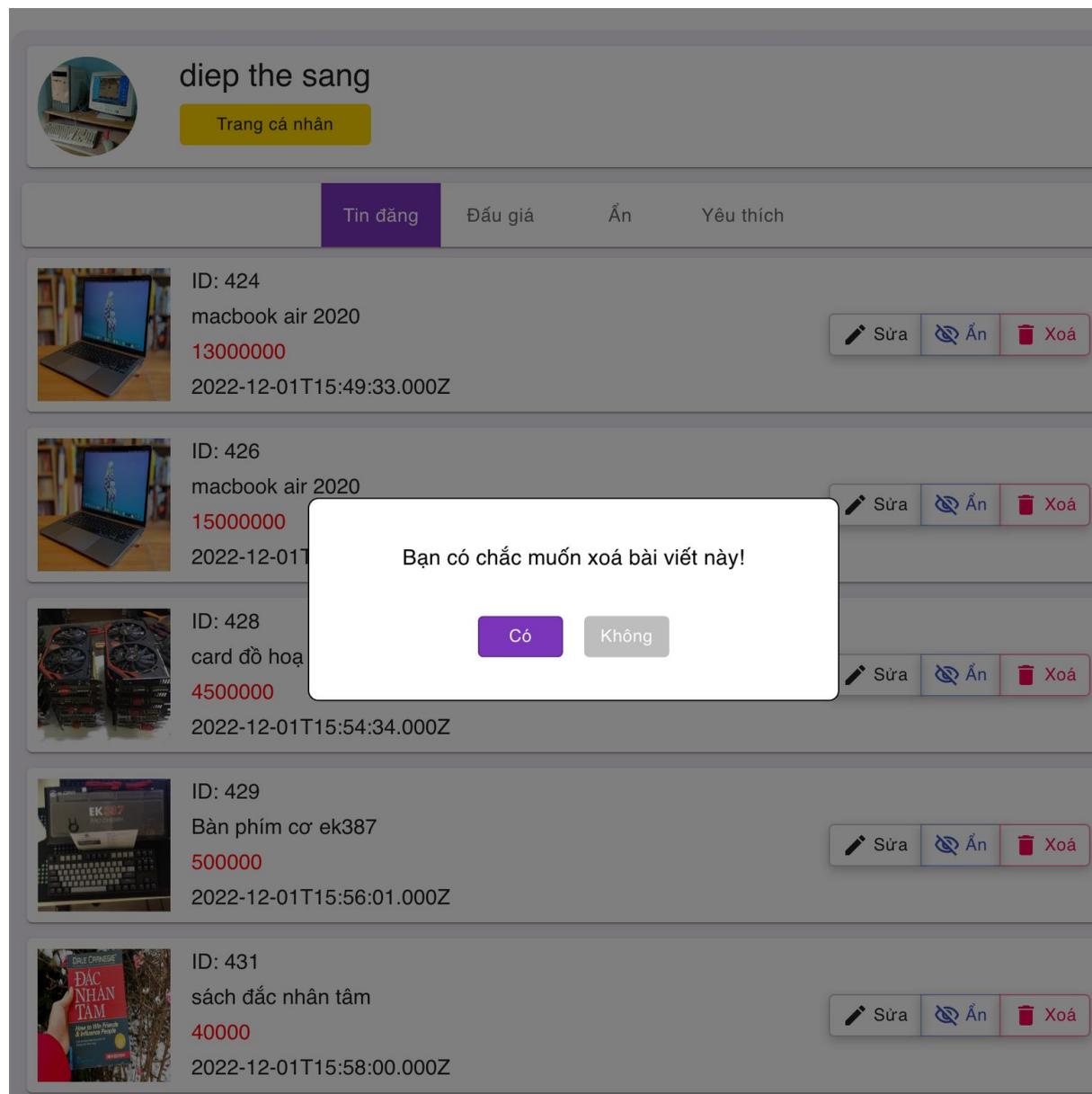


Figure 53: Step 3 in the Manage auction product 6

3.1.11 Schedule product auction

- Step 1: Click on a product that says “đang đấu giá”

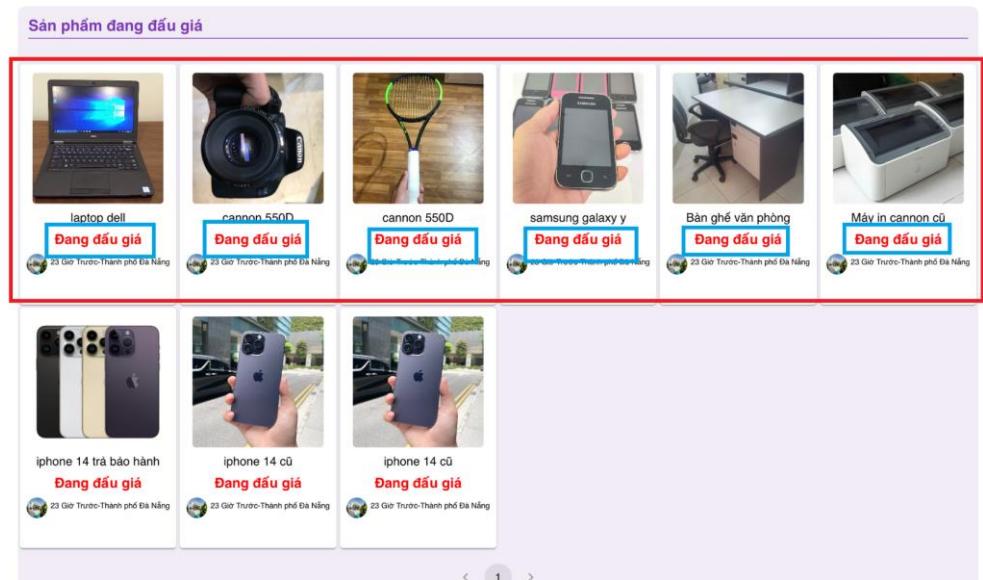


Figure 54: Step 1 in the Schedule product auction

- Step 2: After clicking on the auction will appear as below

The screenshot shows a product listing for an iPhone 14. The main image displays the back of the phone with its triple-camera system. To the right, the seller's profile "diep the sang" is shown with a 5-star rating and a green button labeled "ĐẦU GIÁ". Below the seller info, there's a green button for bidding and a note about the auction duration (0 Ngày - 0 Giờ - 17 Phút - 34 Giây). The listing details include the starting price (Giá khởi điểm: 25.000.000 đ) and payment terms (Tối trả: Số tiền bạn trả phải trên: 2500000 đ). The item description notes it's a used phone with minor scratches. It also specifies the phone was made in China and is a smartphone. The location is listed as 169 Mèo Thứ - Phường Hòa Xuân - Quận Cẩm Lệ - Thành phố Đà Nẵng.

Tin đăng khác

Bàn ghế gaming 2.000.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	Lều cắm trại 40.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	Sách đặc nhân tâm 40.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	Bàn phím cơ ek387 500.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	Card đồ họa 4.500.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	macbook air 2020 15.000.000 đ 23 Giờ Trước - Thành phố Đà Nẵng
---	--	---	--	--	--

Tin đăng tương tự

macbook air 2020 15.000.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	iphone 14 trả bảo hành Đầu giá 23 Giờ Trước - Thành phố Đà Nẵng	iphone 14 cũ 25.000.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	iphone 14 cũ Đầu giá 23 Giờ Trước - Thành phố Đà Nẵng
--	---	--	---

Second-hand Market

Product by Nhóm 5 © 2022

Figure 55: Step 2 in the Schedule product auction

- Step 3: Enter the amount in the "Tôi trả" textfield

iphone 14 cũ

Đấu giá

Điện thoại mới còn sử dụng tốt, chỉ bị trầy xước nhẹ

Tình trạng: Sản phẩm cũ (chưa sửa chữa) Bảo hành: Còn bảo hành

Sản xuất tại: Trung Quốc Thể loại: Điện thoại, máy tính bảng

169 Mệ Thứ - Phường Hòa Xuân - Quận Cẩm Lệ - Thành phố Đà Nẵng

Tin đăng khác

Bộ bàn ghế gamming 2.000.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	Lều cắm trại 40.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	Sách đặc nhân tâm 40.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	Bàn phím cơ ek387 500.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	Card đồ họa 4.500.000 đ 23 Giờ Trước - Thành phố Đà Nẵng	macbook air 2020 15.000.000 đ 23 Giờ Trước - Thành phố Đà Nẵng
---	--	---	--	--	--

Figure 56: Step 3 in the Schedule product auction 1

After entering, the amount of bidders will be displayed

The screenshot shows a mobile application interface for a product auction. At the top, there is a header with a user profile picture and the name "diep the sang". Below the header, a purple button says "Xem trang". To the right, there is a rating of 5 stars and a phone number "1133111139". A green button below the phone number says "Nhắn tin với người bán". Underneath, it shows "0 Ngày- 0 Giờ- 4 Phút- 42 Giây". The main listing area features a large image of a hand holding a dark blue iPhone 14 with three cameras. The text "iphone 14 cũ" is displayed below the image. To the right of the image, the text "1 giờ trước" indicates the photo was taken recently. Below the image, there is a section titled "Đấu giá" (Bidding) with the following details:

- Tình trạng: Sản phẩm cũ (chưa sửa chữa)
- Bảo hành: Còn bảo hành
- Sản xuất tại: Trung Quốc
- Thể loại: Điện thoại, máy tính bảng

At the bottom of the listing, it says "Địa chỉ: 169 Mệ Thứ - Phường Hòa Xuân - Quận Cẩm Lệ - Thành phố Đà Nẵng". On the right side of the screen, there is a bidding history table with two entries:

ĐẦU GIÁ	Giá
	30.000.000 đ
	28.000.000 đ

The second entry, which has a red border around the entire row, is highlighted.

Figure 57: Step 3 in the Schedule product auction 2

When you bid the highest, you will become the winner and will show the popup like below

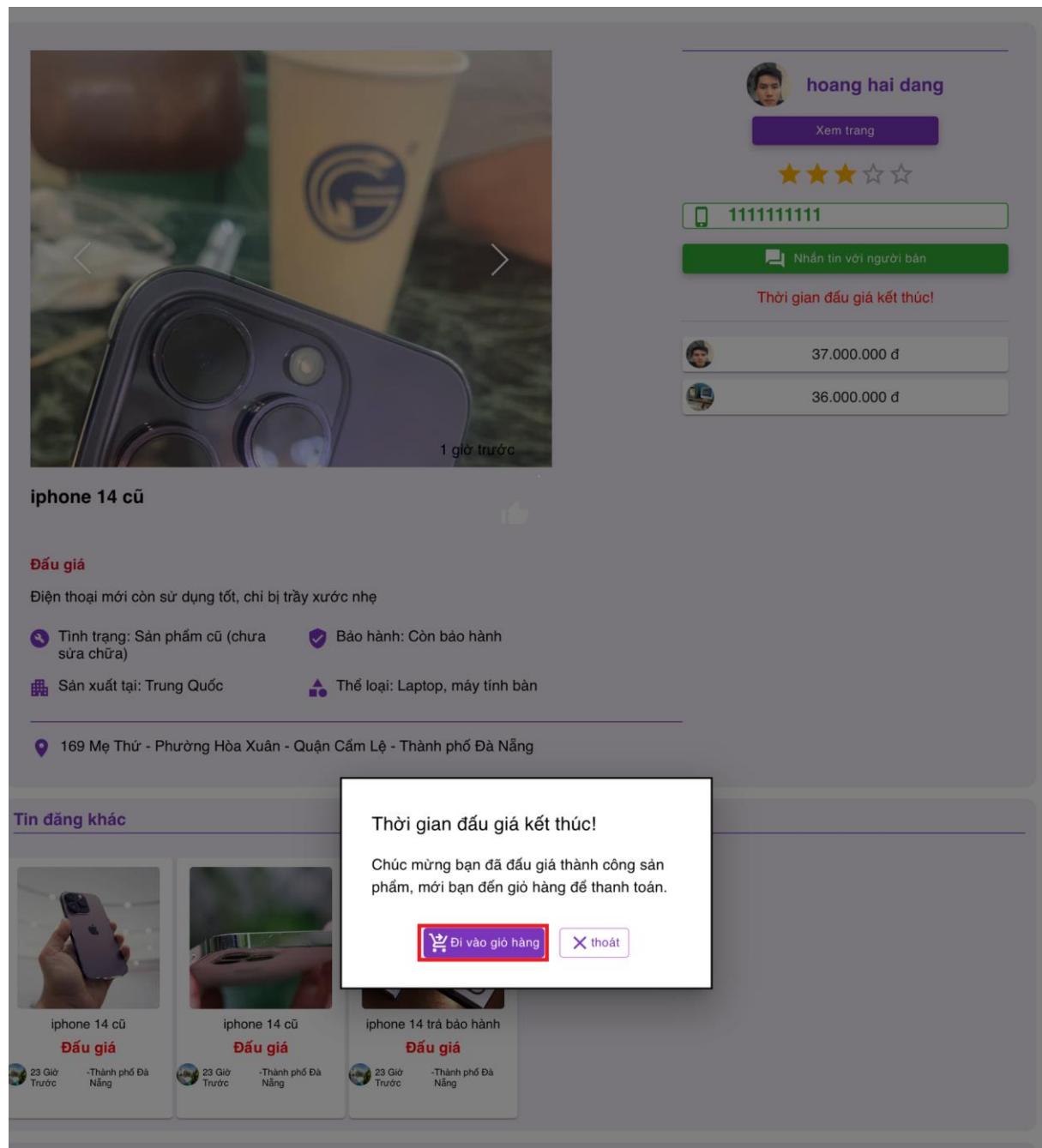


Figure 58: Step 3 in the Schedule product auction 3

Click on "đi đến gio hàng" to pay product

The screenshot shows a user's profile at the top right: hoang hai dang. The main area displays a shopping cart with one item: an iPhone 14 cũ. The total amount is 37,000,000đ. A yellow button labeled 'MUA HÀNG' is present.

Figure 59: Step 3 in the Schedule product auction 4

3.1.12 View other user's account

- When clicking on another user's avatar. Users can view his/her personal information.

The screenshot shows a user profile for 'diep the sang'. Personal information includes: Đánh giá: 4 ★★☆☆☆, Ngày tham gia: 2022-09-23T17:10:50.000Z, Địa chỉ: 169 Mê Thứ - Hòa Xuân - Cẩm Lệ - tp ho chí minh, Số điện thoại: 1133111139. Below the profile, a list of recent posts ('Tin đang đăng') is shown:

- giày nike chính hãng
- Đầu giá
- 2022-12-01T16:29:32.000Z
- lan đột biến 5 cánh trắng
- Đầu giá
- 2022-12-01T16:27:47.000Z
- dòng hồ apple watch seri 3
- Đầu giá
- 2022-12-01T16:25:23.000Z
- laptop dell cũ
- Đầu giá
- 2022-12-01T16:23:55.000Z
- test bid
- 6200000
- 2022-12-01T16:15:09.000Z
- loa bluetooth
- 8000000
- 2022-12-01T16:13:03.000Z

Figure 60: View other user's account

Figure 3.2.12.2 other user's profile Screen

3.1.13 Manage order

- Step 1: Click on “Đơn hàng” on header

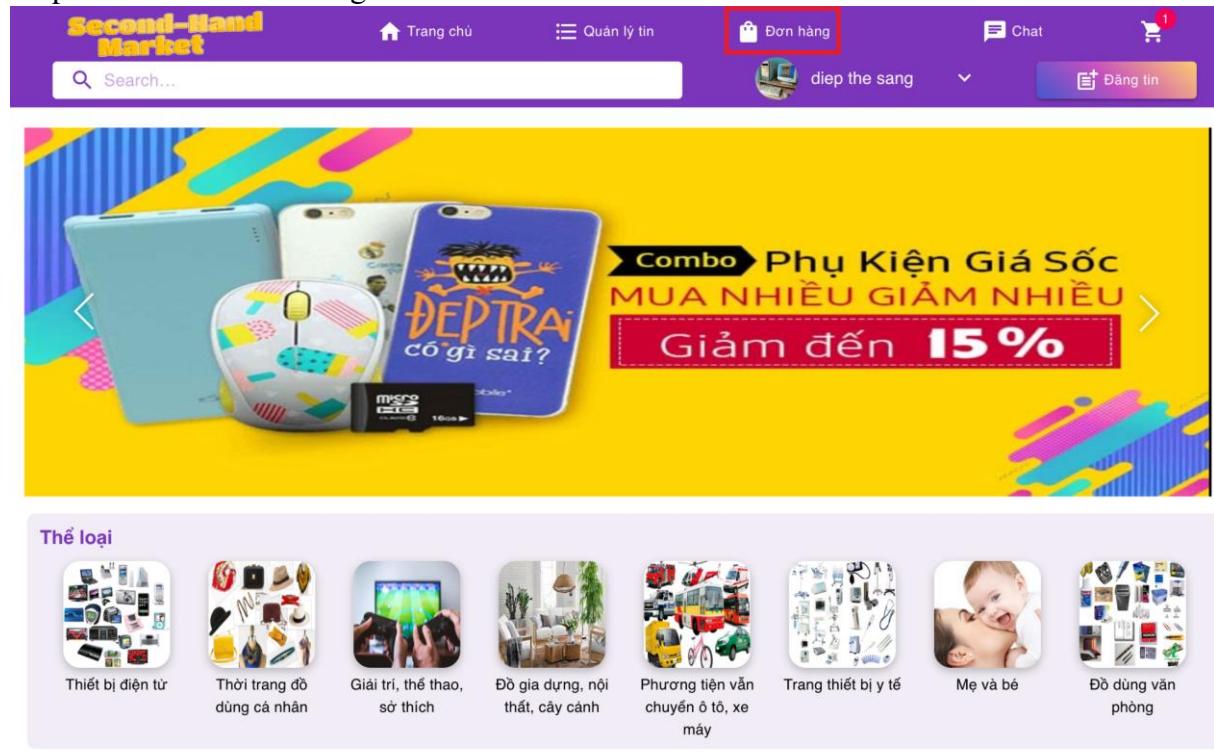


Figure 61: Step 1 in the Manage order

- Step 2: After clicking on "Đơn" will display dropdown as below. Click on "Đơn Mua"

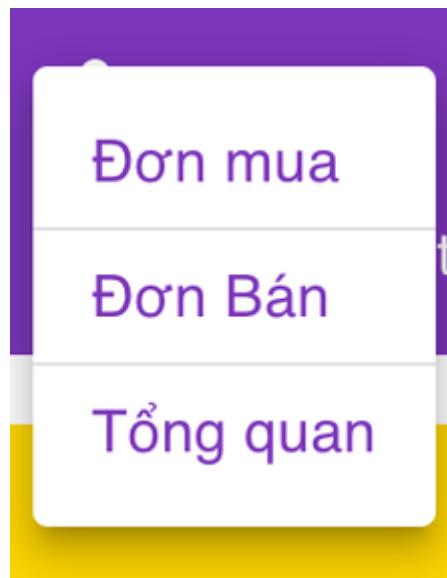


Figure 62: Step 2 in the Manage order

- Step 3: After clicking on "Đơn mua" you can see the pending application for confirmation

The screenshot shows a user interface for managing orders. At the top, there's a purple header bar with the website name "Second-hand Market". Below it is a search bar and several navigation links: "Trang chủ", "Quản lý tin", "Đơn hàng", "Chat", and a dropdown menu for "diep the sang". A shopping cart icon with a red notification badge is also present.

The main content area has a light gray background. It features a table with columns: "Sản phẩm", "Tổng đơn hàng", "Trạng thái", "Vận chuyển", and "Thao tác". There is one item listed:

Sản phẩm	Tổng đơn hàng	Trạng thái	Vận chuyển	Thao tác
hoang hai dang Bô bàn ghế gamming	2000000	Chờ xác nhận	Vận chuyển	<button>Xác nhận</button>

At the bottom of the page, there's a footer section with the website name "Second-hand Market" and social media icons for Facebook, Instagram, and Twitter. It also includes a copyright notice: "Product by Nhóm 5 © 2022".

Figure 63: Step 3 in the Manage order

- Step 4: Click on "Đang xử lý" to view pending orders from the seller

This screenshot shows the same website interface as Figure 63, but the "Đang xử lý" tab is selected in the navigation bar. The main content area displays a list of pending orders from various sellers:

Sản phẩm	Tổng đơn hàng	Trạng thái	Vận chuyển	Thao tác
diep the sang loa bluetooth	800000	Đang đóng gói	Vận chuyển	<button>Chuẩn bị hàng</button>
diep the sang dàn guitar acoustic	900000	Đang đóng gói	Vận chuyển	<button>Chuẩn bị hàng</button>
diep the sang macbook air 2020	1500000	Đang đóng gói	Vận chuyển	<button>Chuẩn bị hàng</button>
diep the sang dàn guitar acoustic	900000	Đang đóng gói	Vận chuyển	<button>Chuẩn bị hàng</button>
diep the sang macbook air 2020	1500000	Đang đóng gói	Vận chuyển	<button>Chuẩn bị hàng</button>
diep the sang giay nike air	6200000	Đang đóng gói	Vận chuyển	<button>Chuẩn bị hàng</button>
diep the sang loa bluetooth	800000	Đang đóng gói	Vận chuyển	<button>Chuẩn bị hàng</button>
hoang hai dang Bô bàn ghế gamming	2000000	Đang đóng gói	Vận chuyển	<button>Chuẩn bị hàng</button>

The footer at the bottom of the page is identical to Figure 63, featuring the website name, social media links, and a copyright notice.

Figure 64: Step 4 in the Manage order

3.1.15 Buy product

- Step 1: On the main page, click on any product

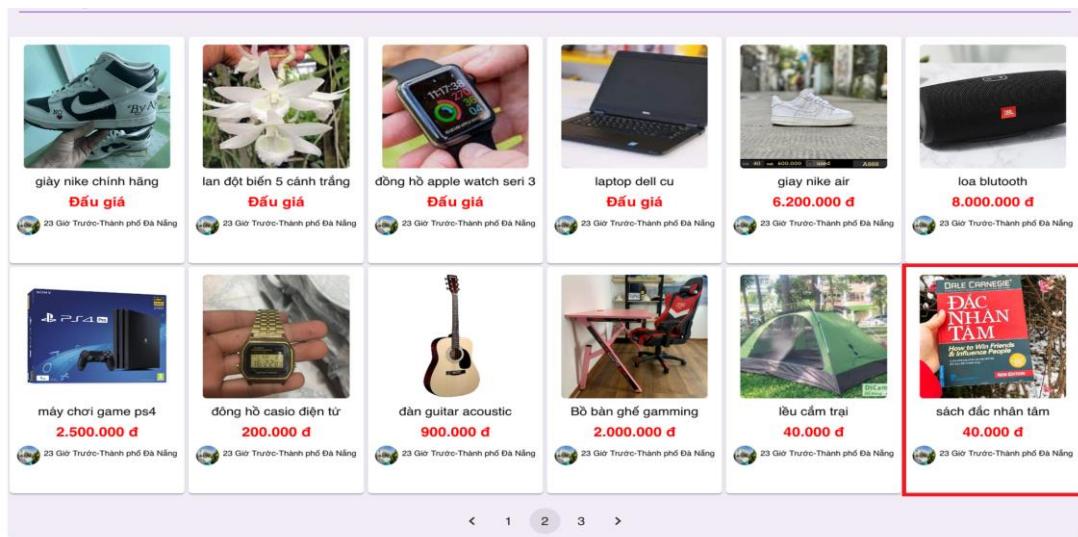


Figure 65: Step 1 in the Buy product

- Step 2: When you click on any product, you will go to the product detail screen, click on “Mua”

The screenshot shows the product detail page for the book "ĐẶC NHÂN TÂM". The page has a purple header with navigation links like Trang chủ, Quản lý tin, Đơn hàng, Chat, diep the sang, and Đăng tin. The main content area displays the book's cover, title, and price (40.000đ). It also shows the seller's profile (diep the sang) with a 5-star rating and contact number (1133111139). A large green "MUA" button is prominently displayed. Below the main product, there is a grid of other items for sale, including a racket, a camera, a laptop, shoes, an orchid, and a smartwatch.

- Step 3: Click on "Mua" to add product to cart

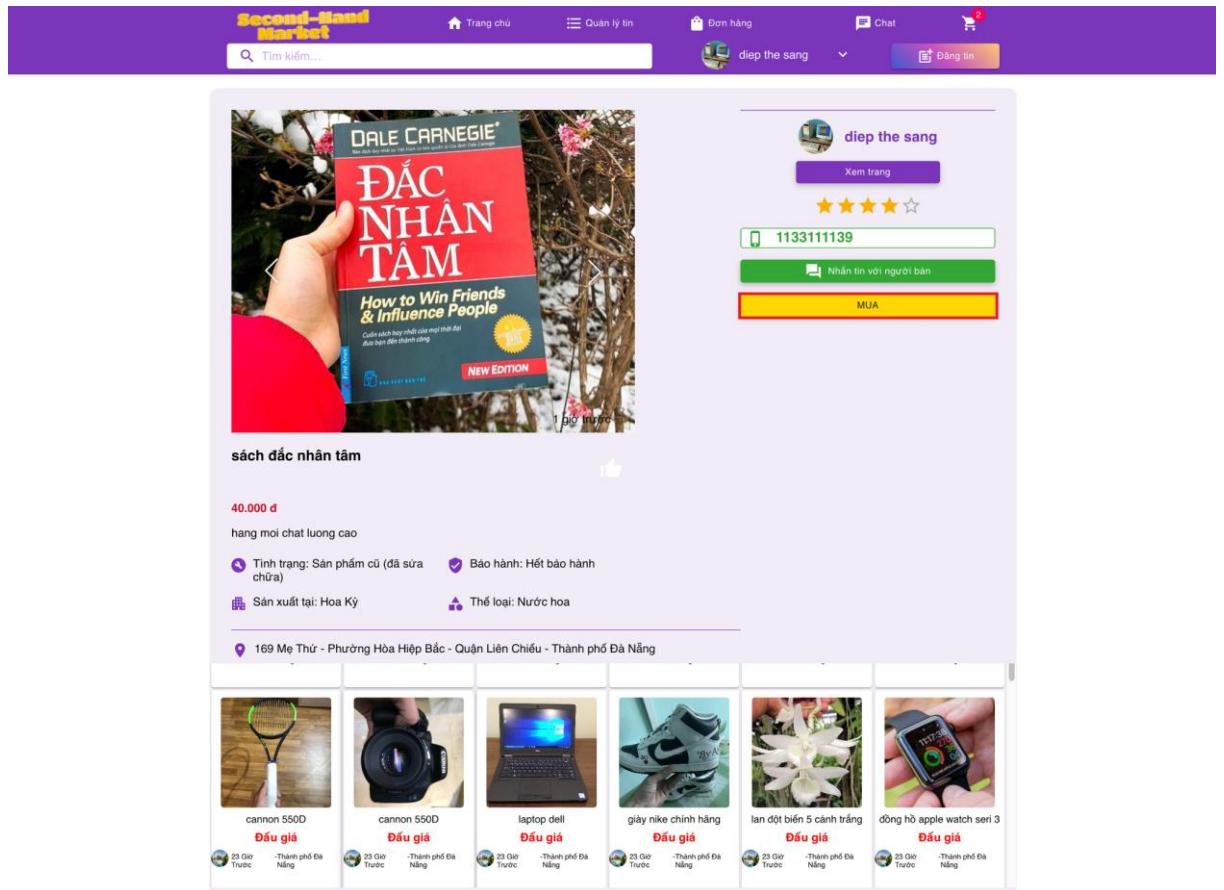


Figure 66: Step 3 in the Buy product

- Step 4: After clicking "buy" the product will be added to the cart as shown below

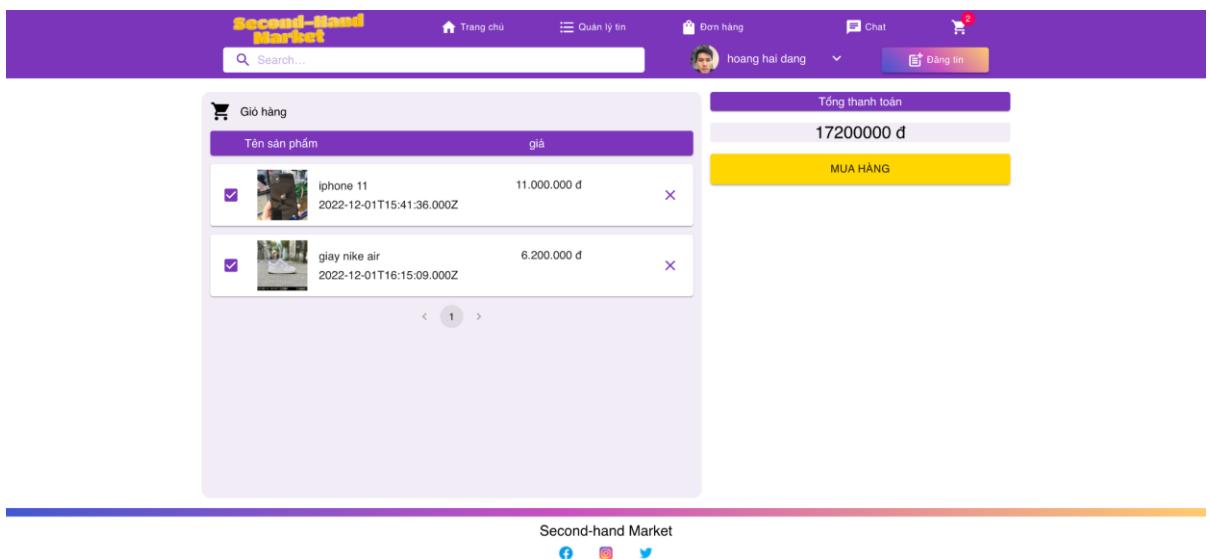


Figure 67: Step 4 in the Buy product

3.1.16 Payment

- Step 1: From the shopping cart screen, click on "Purchase" to pay

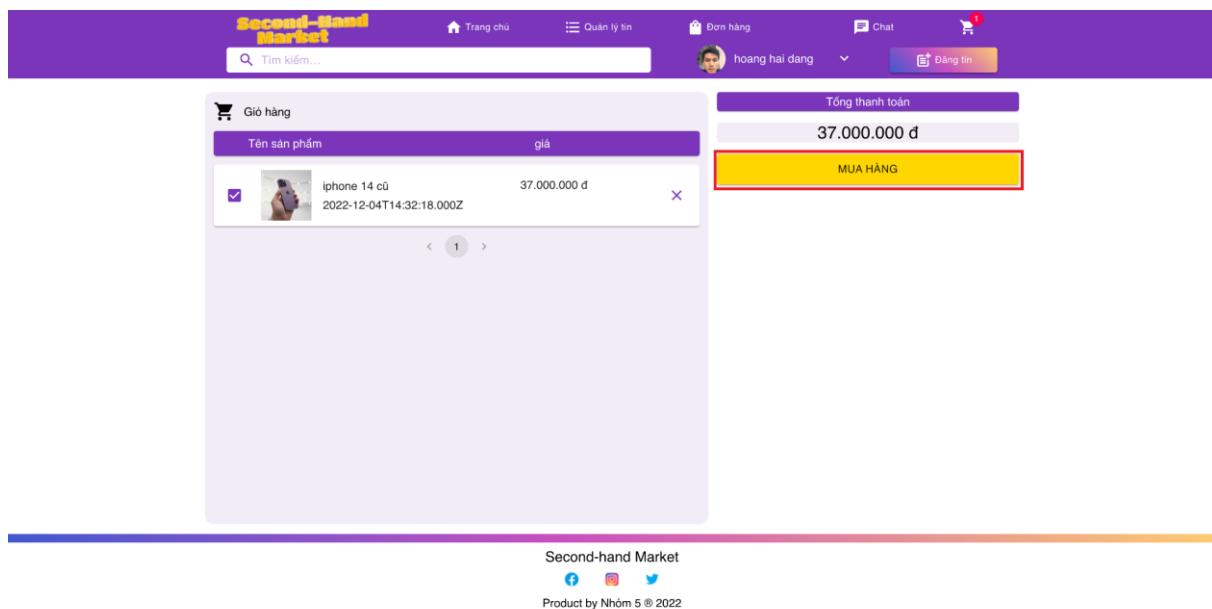


Figure 68: Step 1 in the Payment

- Step 2: After clicking "buy" will go to the payment screen

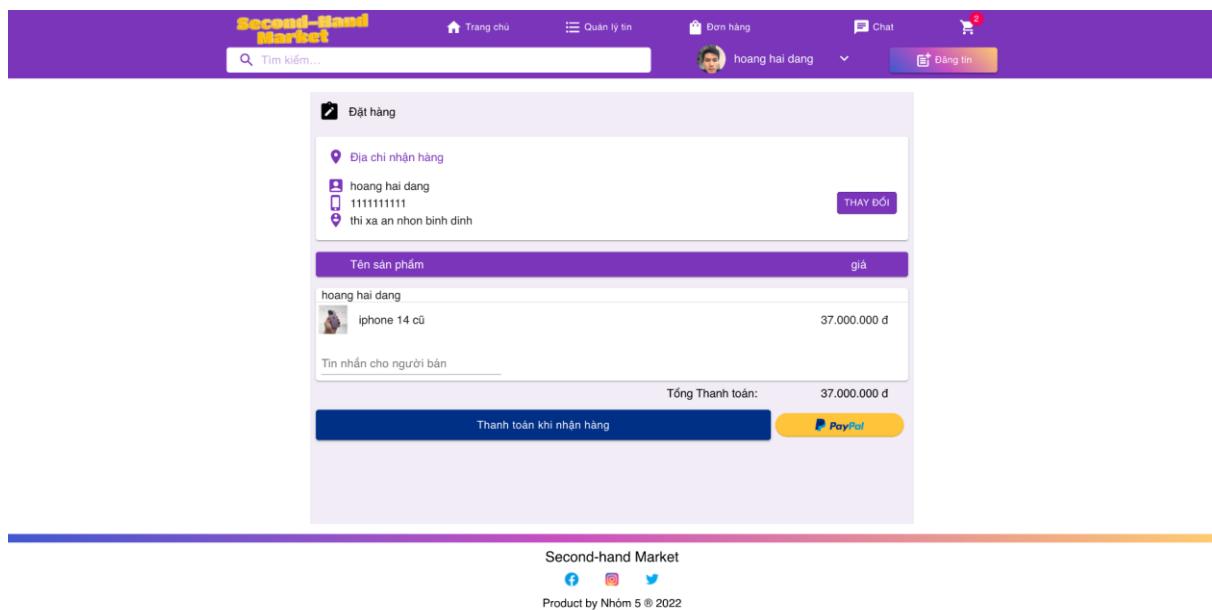


Figure 69: Step 2 in the Payment

- Step 3: Click on “Thanh toán khi nhận hàng”for shipping COD

Thanh toán khi nhận hàng

- Step 4: Click on “Paypal” to Online payment



- Step 5: After clicking on "paypal" will display the paypal screen below

The screenshot shows the PayPal payment interface. At the top, there's a yellow button with the PayPal logo. Below it, the subtotal is listed as \$40,000.00 USD. The payment method selected is "PayPal balance". Other options shown include "PayPal UNION 1" (selected), "Visa", "PayPal Credit", and "Pay in 4". A note at the bottom states: "The merchant has requested an authorization for this payment, and the final payment amount may change when the merchant completes the order." A blue "Continue to Review Order" button is visible.

Figure 70: Step 5 in the Payment

- Step 6: Click on “Continue to review oder” to finish payment

Continue to Review Order

After successful payment, you will be redirected to the page below

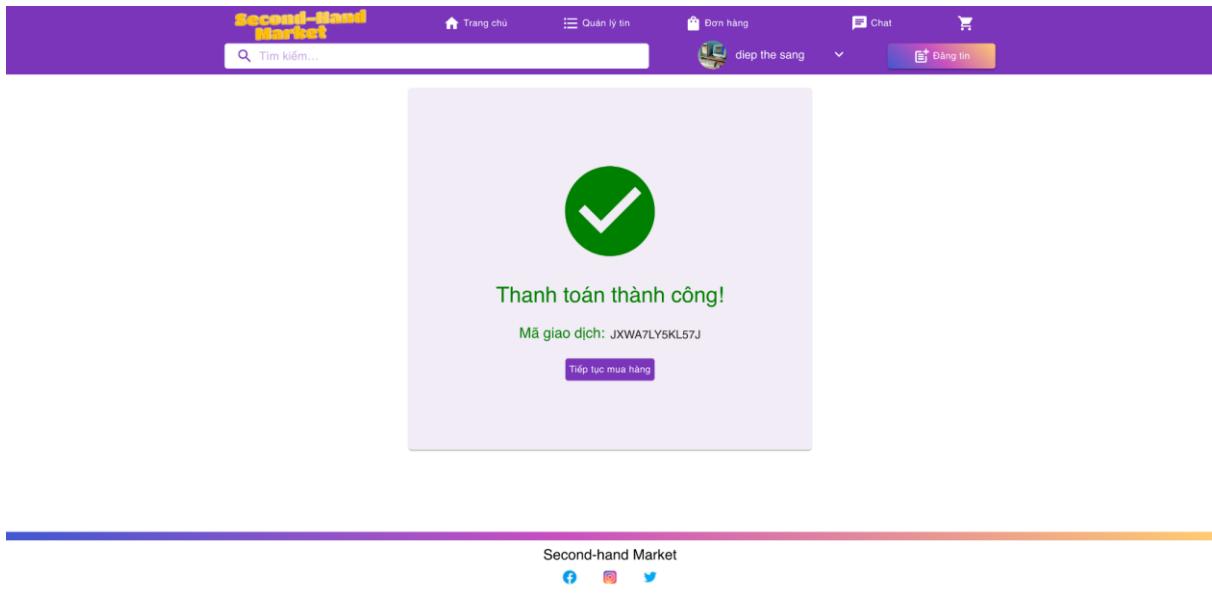


Figure 71: Step 6 in the Payment

3.1.17 Add Favourite product

- Step 1: From home screen, click on any product
- Step 2: Click on icon “like” to add product to favorite product list

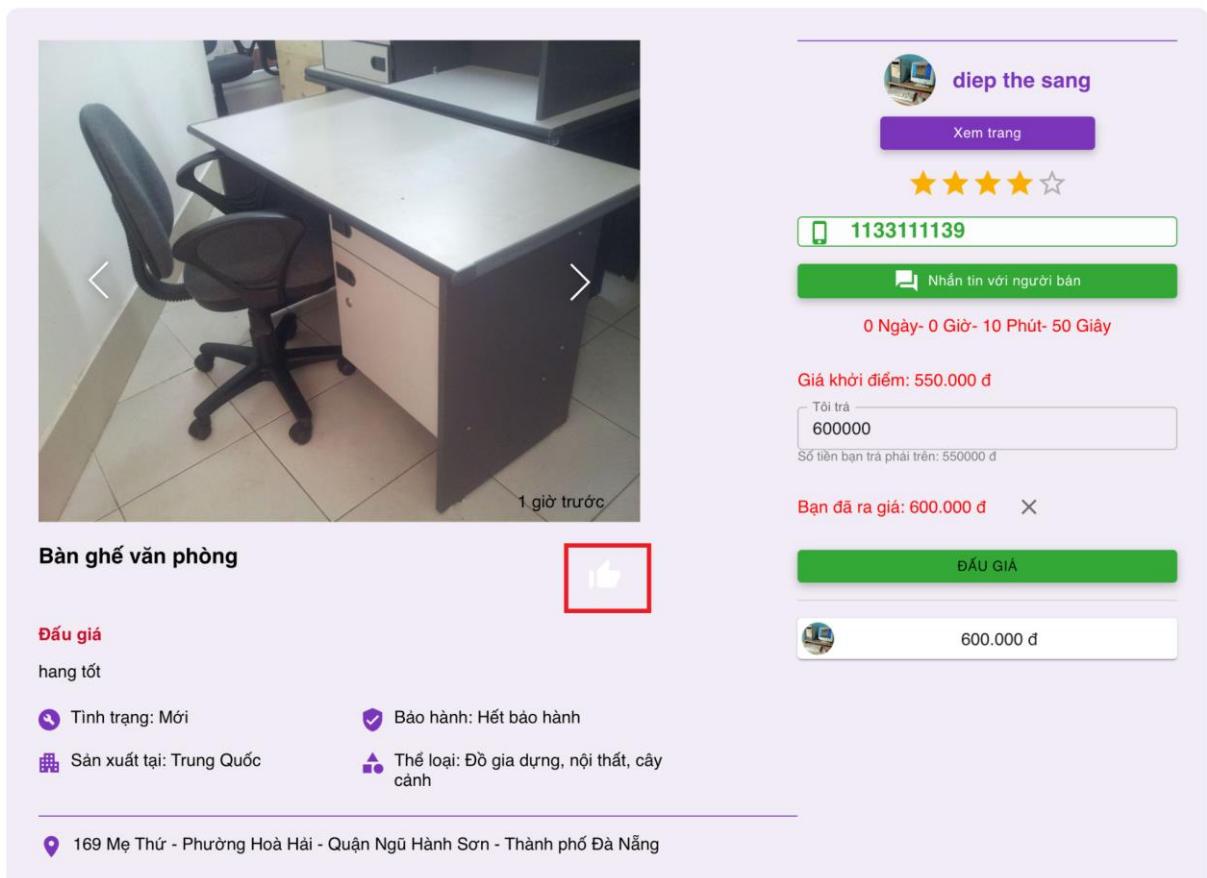


Figure 72: Step 2 in the Add favourite product

3.1.18 Manage favourite product list

- Step 1: Click on “Quản lý tin” on header

Figure 73: Step 1 in the Manage favorite product list

- Step 2: Click on “Yêu Thích”

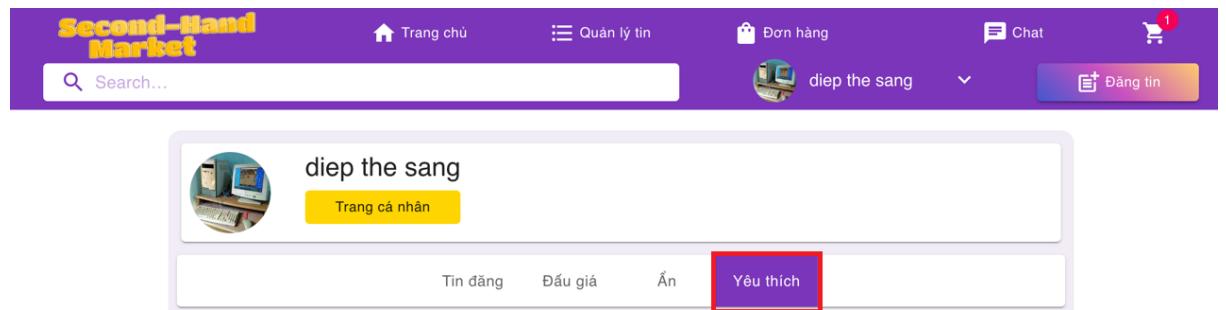


Figure 74: Step 2 in the Manage favourite product list

- Step 3: After clicking on "Yêu thích" your favorite product will appear as below

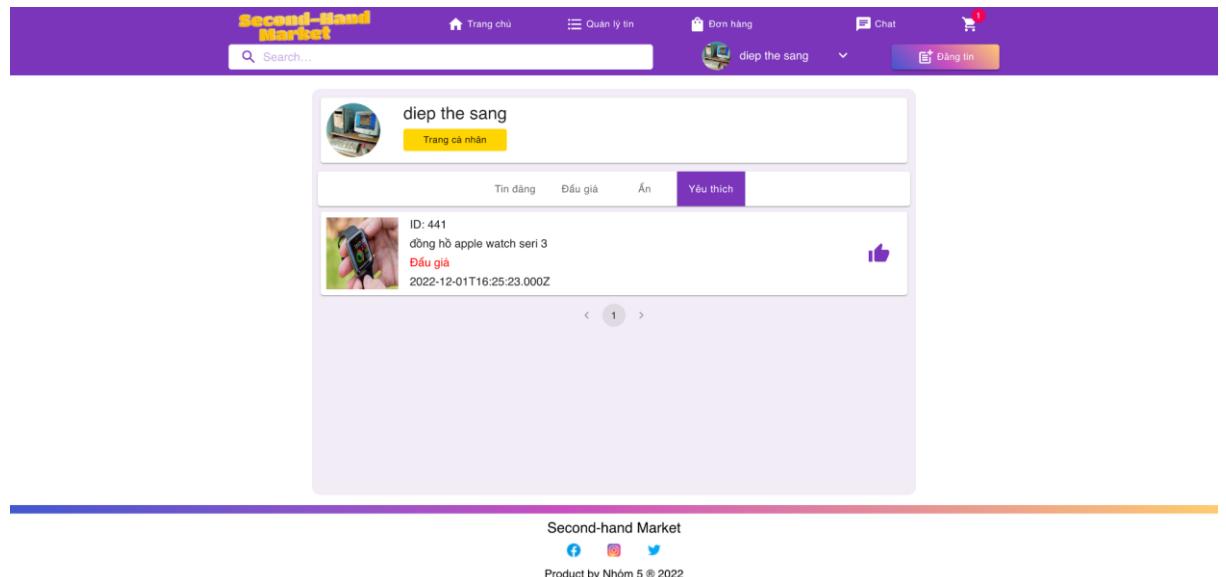


Figure 75: Step 3 in the Manage favourite product list

3.1.19 Admin manage account

- Step 1: When logged in with the admin account. select "Quản lý người dùng" item will display as below

User Management								
Search		First name	Last name	Phone	Address	Star	Status	Action
<input type="checkbox"/>	hoang	hai dang	1111111111	thị xã an nhơn bình định		Active		
<input type="checkbox"/>	nguyen	phuc ngoc thanh				Active		
<input type="checkbox"/>	diep	the sang	1133111139	169 Mê Thứ - Hòa Xuân - Cẩm Lệ - tp ho chí minh		Active		

Figure 76: Step 1 in the Admin manage account

- Step 2: You can manage users by clicking on the icon as shown below

Tim kiếm							
	First name	Last name	Phone	Address	Star	Status	Action
<input type="checkbox"/>	hoang	hai dang	1111111111	thị xã an nhơn bình định	★★★☆☆	Active	
<input type="checkbox"/>	nguyen	phuc ngoc thanh			☆☆☆☆☆	Active	
<input type="checkbox"/>	diep	the sang	1133111139	169 Mê Thứ - Hòa Xuân - Cẩm Lệ - tp ho chí minh	★★★★★	Active	

Figure 77: Step 2 in the Admin manage account

- Step 3: You can edit or delete an account from the system
 - + Choose edit to edit user
 - + Choose delete to remove the user from the system

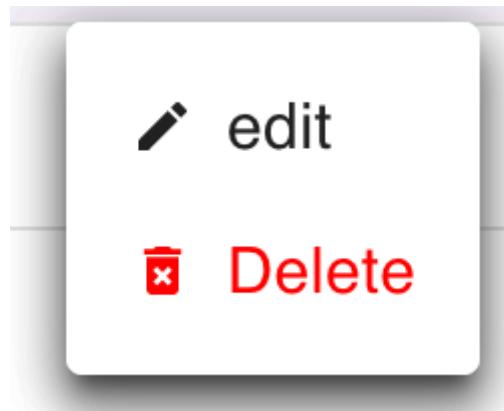


Figure 78: Step 3 in the Admin manage account