SOCIAL NETWORK IRCN V

Final Release Document

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Table of Contents

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I. Deliverable Package

No.	File	Notes
1	SocialMediaNetworkIRCNV.sql	Create table for project Social media
3	Trigger.sql	Add trigger for social media
4	init.sql	run init to create base datadata
5	triggerBusiness.sql	Create table for project Admin function
6	[library] folderfolder	Include all .jar file need to project
7	A04-RT01_Project Tracking_final.xlsx	Final SRS (Project Tracking) Document
8	A04-RT01_SRS_final.docx	Final SRS (SRS Document) Document
9	A04-RT01_SDS_final.docx	Final SRS (SDS Document) Document
10	A04-RT01_Issues Report_final.xlsx	Final SRS (Issues Report) Document
11	A04-RT01_Final Release.docx	Final SRS (Final Release Document) Document
12	SocialNetworkIRCNV	All Package project

II. Installation Guides
Installation Guides

1. **Install NetBeans 15:**

+ Download the NetBeans 15 installation from the official NetBeans website or from another trusted source.

+ Run the installation file and follow the on-screen instructions.

+ Choose the installation options that suit your needs.

+ Wait for the installation to complete and restart the computer (if necessary).

+ Add the entire project to NetBeans:

+ Open NetBeans and select "File" > "Open Project" (or similar).

+ Browse to the folder containing the entire project and select it.

+ Wait for NetBeans to load and display the entire project.

+ Check the project configuration and necessary settings, including the JDK configuration and the dependent libraries contained in the library folder.

+ Add all .jar files to the Project

2. **Install SQL Server:**

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+ Download the SQL Server installation from the official Microsoft website or from another trusted source.
+ Run the installation file and follow the on-screen instructions.
+ Choose the installation options that suit your needs, including the installation path, hostname, and security configuration.
+ Wait for the installation to complete and restart the computer (if necessary).
+ Open SQL Server Management Studio (SSMS) or a similar SQL Server management tool.

Connect to the database where you want to run the SQL files.

+ Open the SQL file in SQL Server management tools and run them one by one in order.
+ Then run the files one by one: SocialMediaNetworkIRCNV.sql, dashBoad.sql, trigger.sql, triggerBusiness.sql

3. **Run ngrok software:**
+ Download ngrok software from ngrok official website or from other trusted sources.
+ Extract the ngrok file (if necessary).
+ Open a terminal or command line window and navigate to the directory containing the ngrok file (ngrok http 8080) .
+ Run the ngrok command to start the software and connect to the ngrok server.
+ Then ngrok will create a path
+ Point your domain to the ngrok path:

You have finished installing and configuring the environment to run Project Social Media IRCN VV, install SQL Server, run SQL files, and install NetBeans 15. You have also run the ngrok software and pointed your domain to the ngrok path. You are now ready to continue developing and deploying your web application.

III. User Manual
[In this part, you provide overall descriptions of the application, the briefs of the application's workflows and the details guide of each workflow where the end user can use

1. Overview

IRCN V is a social network that connects individuals from various backgrounds and interests. With its user-friendly interface and extensive features, IRCNet provides a platform for people to communicate, collaborate, and share ideas in real-time. Whether you are seeking engaging conversations, information exchange, or simply looking to connect with like-minded individuals, IRCNet offers a vibrant and diverse community that fosters meaningful connections. Join IRCNet today and discover a world of opportunities to connect, learn, and grow within this dynamic social network. You also can create your own brand, post advertisements for everyone.

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| User	Functions
Everybody	- Account Management - User and Post Search - Profile and Post View - Post Management - Comment Management - Social Interactions - Create Brand - Add Reporting and Management - Advertising Hub

2. Account Management
2.1 Description

Account Management is a critical system feature that enables users to create and manage their user accounts within the social networking platform. It involves functionalities related to user registration, login, password management, and account settings. Account Management is of high priority as it forms the foundation for user interaction and personalised experiences within the platform.

2.2 Login
Users will log in to the application through the provided link.

Accessing the link will display the following login screen:

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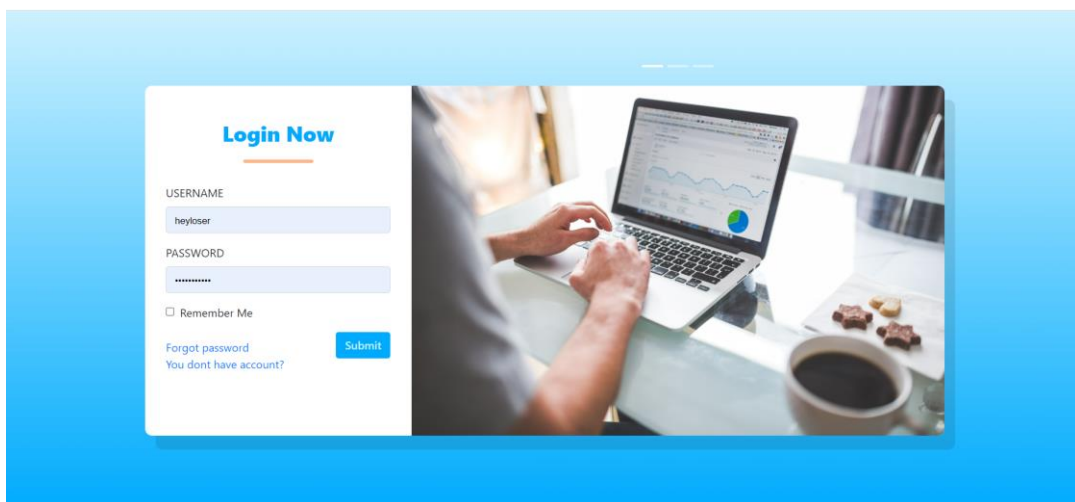
Please use your existing username and password to log in to the application. After successfully logging in, the homepage interface of your account will be

displayed:
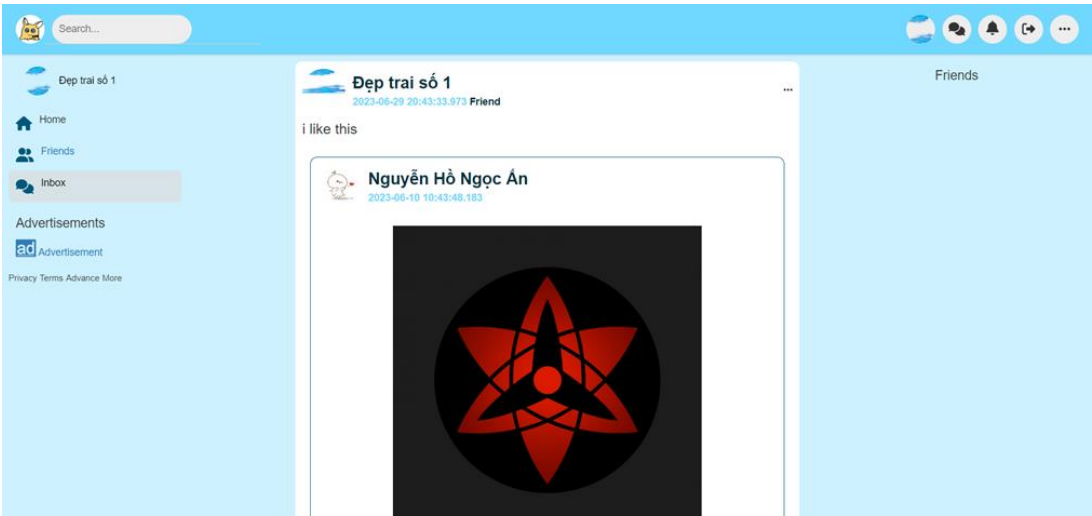
If you want to log out, please click on the button located in the top right corner of
the screen:
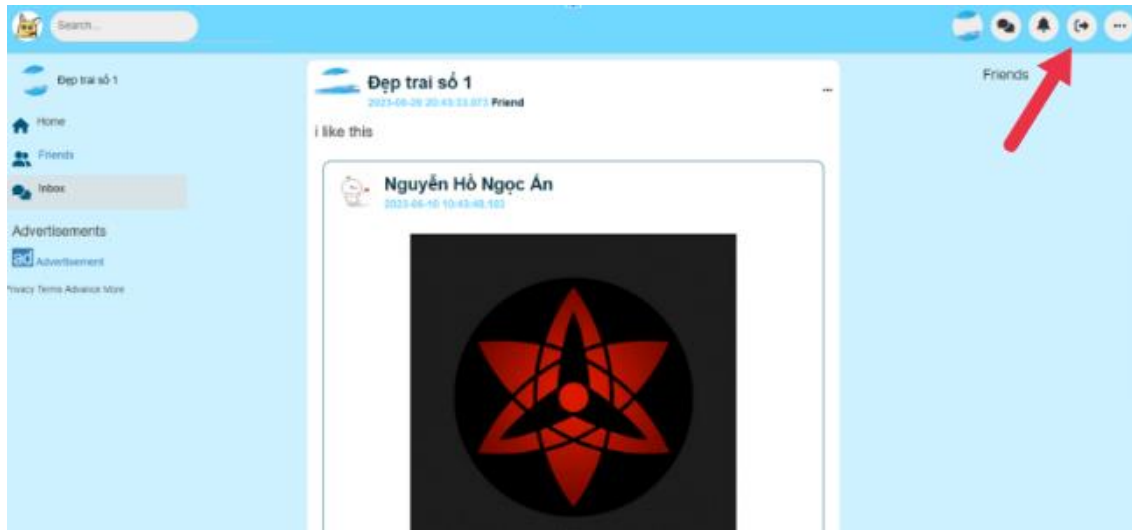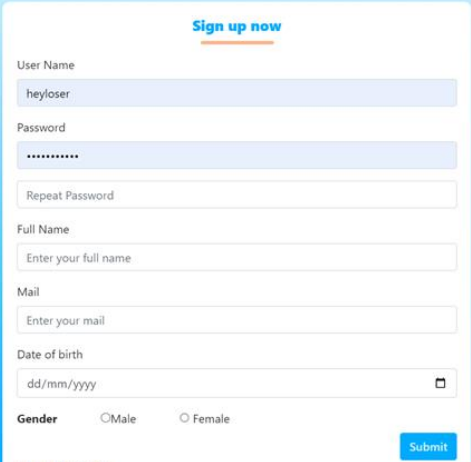
2.3 Sign Up

If you do not have an account, you can register for a new account by clicking on the "Don't
have an account" button.

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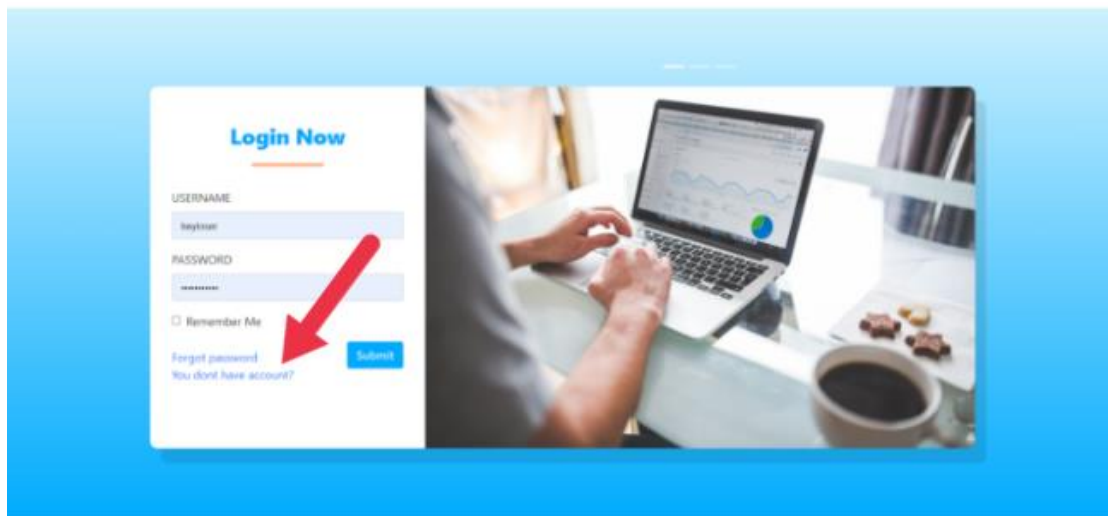
A registration screen will appear:

Please provide the required information to create an account and click on the
"Submit" button to complete the account creation process(the password must
start with an uppercase letter and have a minimum of 8 characters).
Once you have completed the registration process and provided the necessary
information, you will be redirected to the mail code page:

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Here, you need to enter the verification code that has been sent to your email to confirm your account:

Once you have successfully confirmed the email verification code, you will be redirected to your personal profile page:

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2.4 Forgot Password:

If you have forgotten your password, please click on "Forgot password" to retrieve or reset your password.

The "Forgot password" page will be displayed:
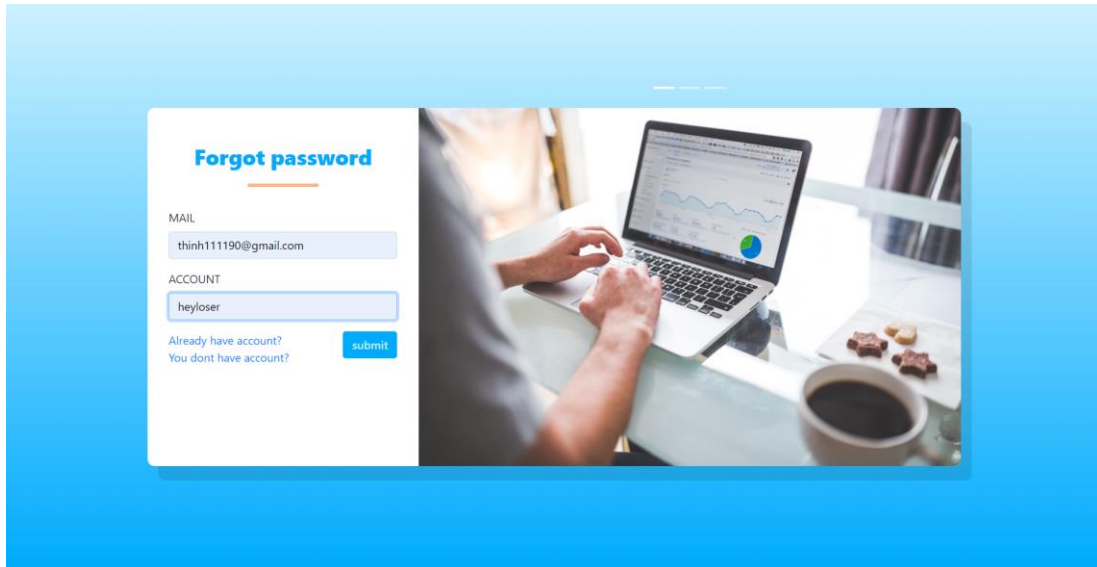
Please enter your registered email and username into the respective fields on the "Email" and "Username" sections.

After clicking the "Submit" button, the email verification code confirmation screen will appear:

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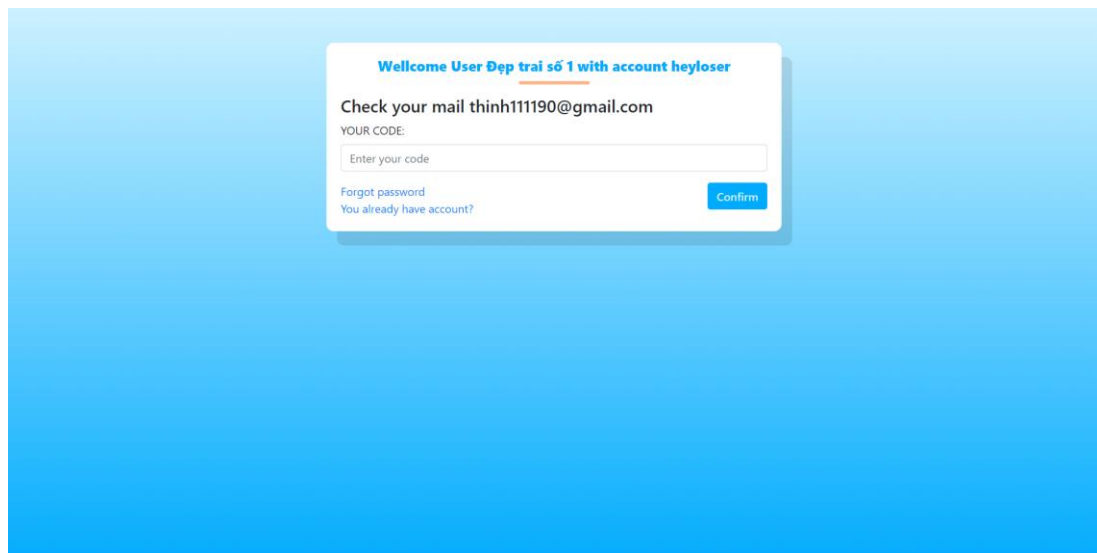
Please retrieve the verification code from the email you received and enter it in order to proceed with changing your password:
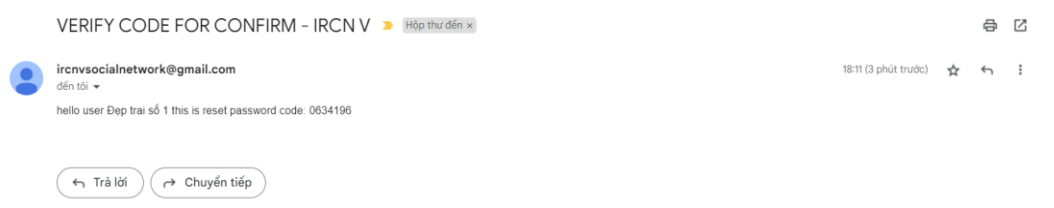
Now, please enter your new password:
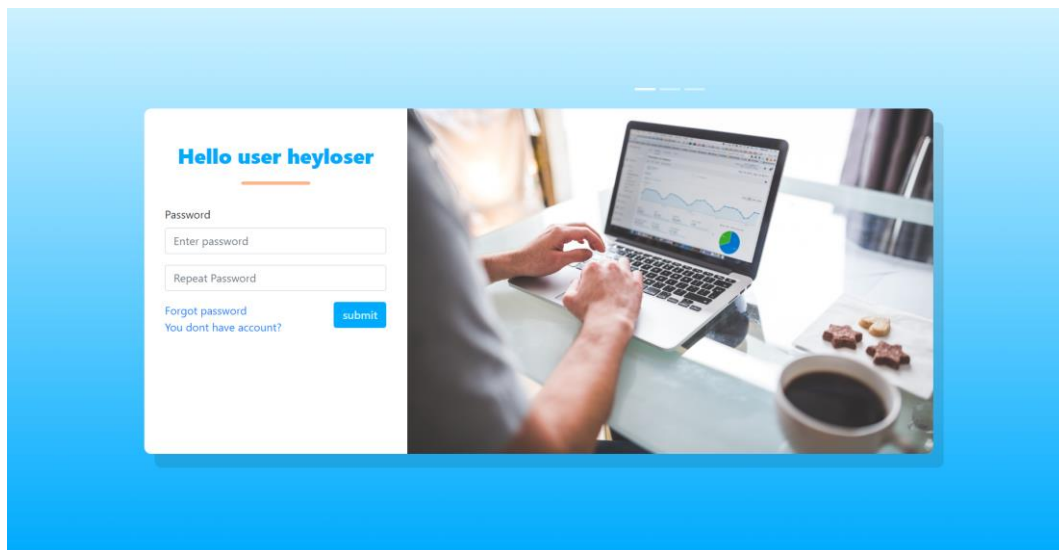
3. **User Search**
   ### 3.1 Description

   User Search and Information Retrieval is a system feature that allows users to find and retrieve information about other users within the social networking platform. It involves functionalities related to searching for specific users, viewing user profiles, and accessing relevant user information. User Search and Information Retrieval is of medium priority as it enhances user engagement and facilitates social connections within the platform.

   ### 3.2 Search User

   Click on the search bar on your home screen:
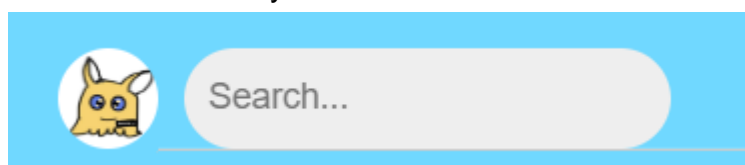
   Now, please enter a word or a character that is present in the username of the user you want to search for.

<p align="center">– Da Nang, July 2023 –</p>

The screen will display a list of users who have the entered word or character in their usernames(**Below the search bar.**):
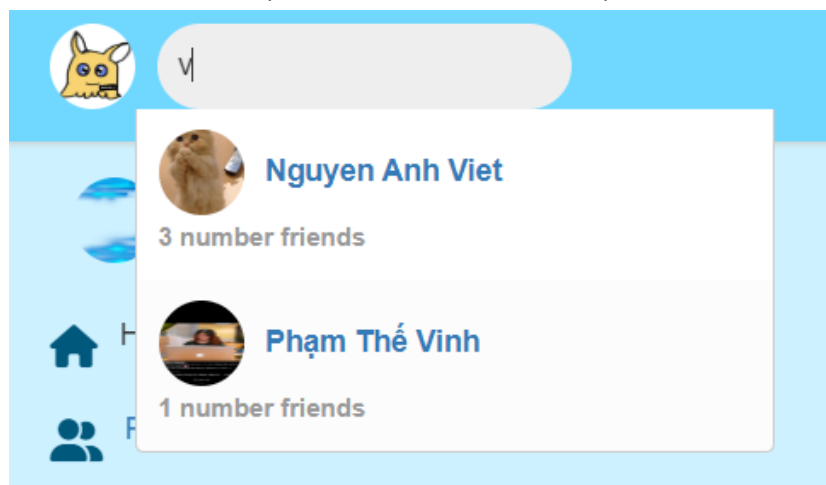
When you click on the username of the user you want to find, you will be directed to their personal profile page:
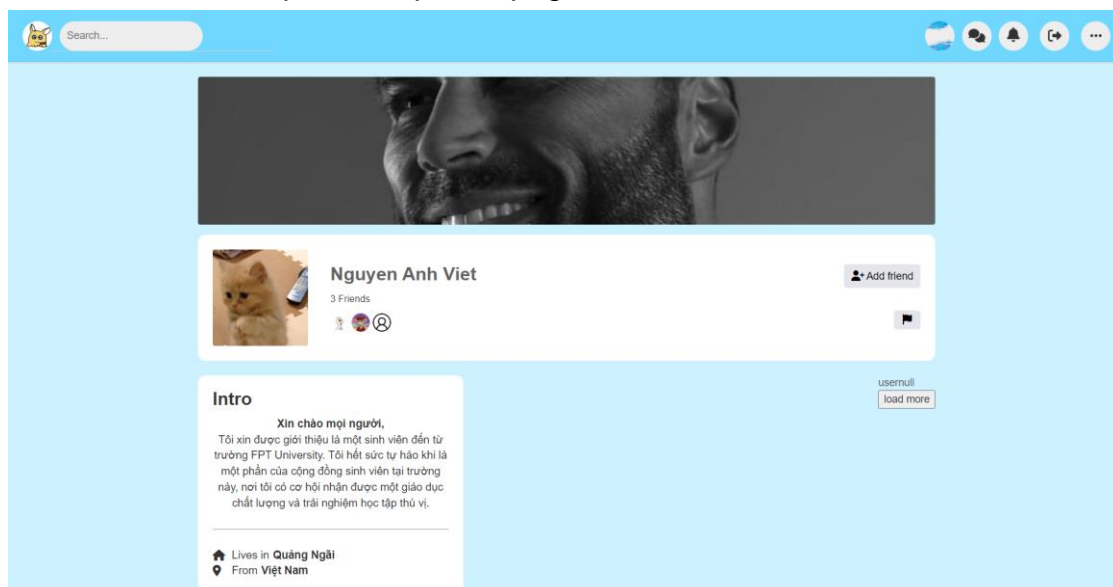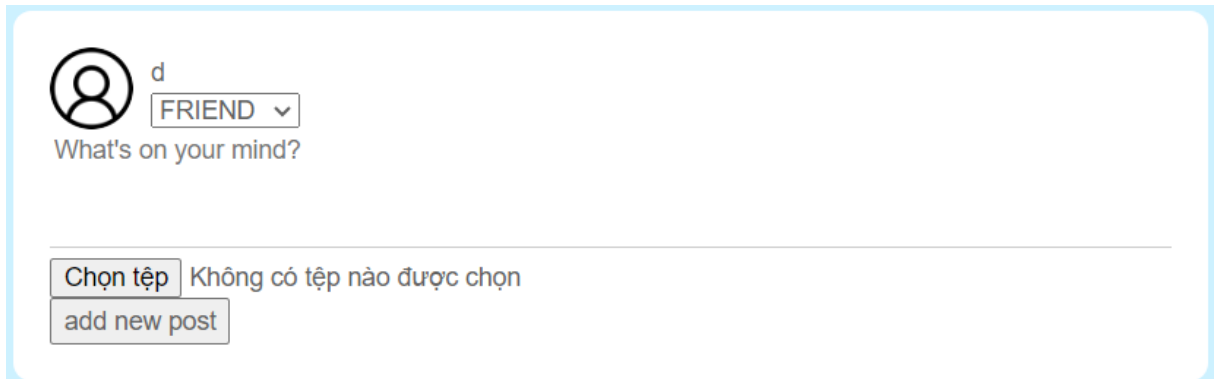
4. Post Management

4.1 Description:

Post Management is a system feature that enables users to create, update, and manage their posts within the social networking platform. It encompasses functionalities related to post creation, editing, deletion, and post-specific settings. Post Management is of medium priority as it is essential for users to share content and maintain control over their posts.

4.2 Creating:

On your personal profile page, there will be a dialogue box to create a post:

Please enter your status in the provided text field and upload the image you want to share.

Click on "Add New Post" to publish the post on your personal profile page.
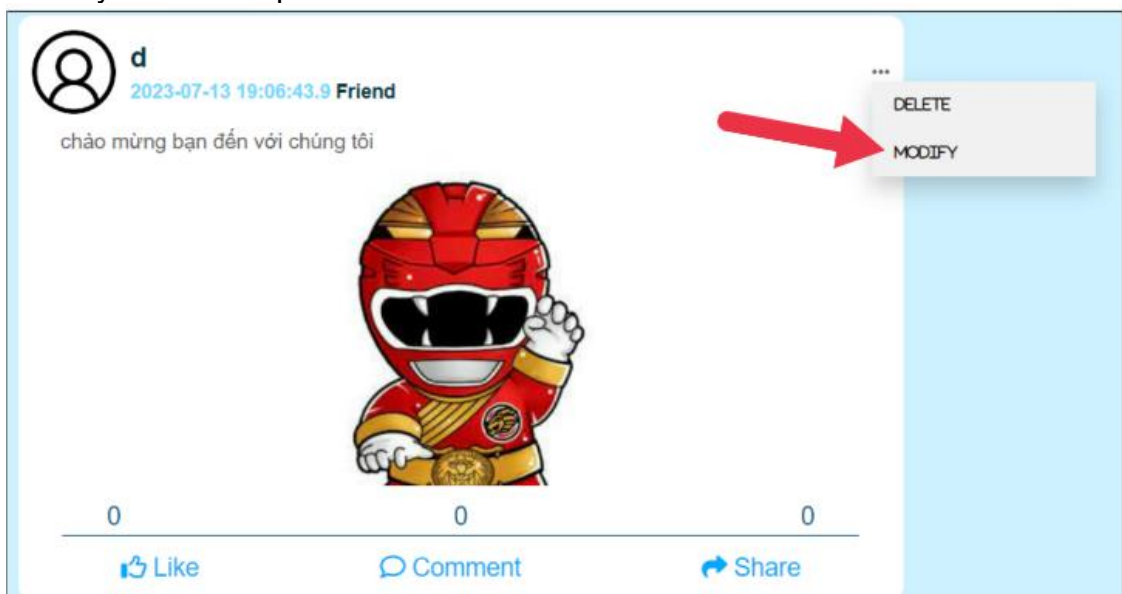

This is your post:

4.3 Edit post:
In the top right corner of the screen, select the "..." symbol and choose "Modify" from the options:

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When you click on it, an "Edit Post" dialog box will appear:

Modify the post as desired and click "Save Changes" to save the modifications.

4.4 Deleted post:

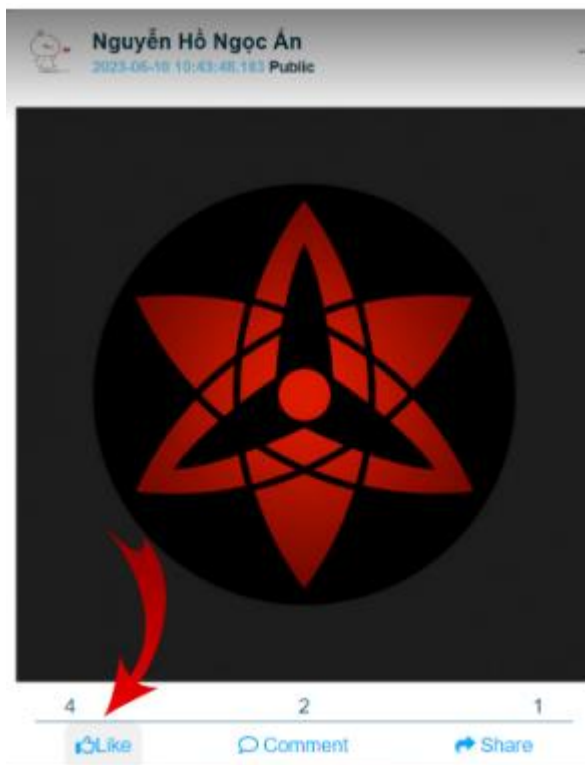At the top right of the post, select the "..." button and choose "Delete" to

remove the post.

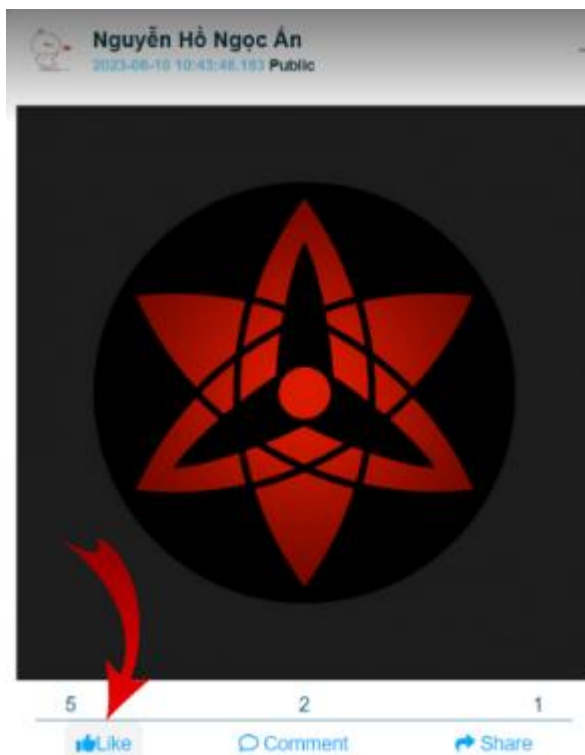A notification dialog will appear, asking if you want to delete the post.
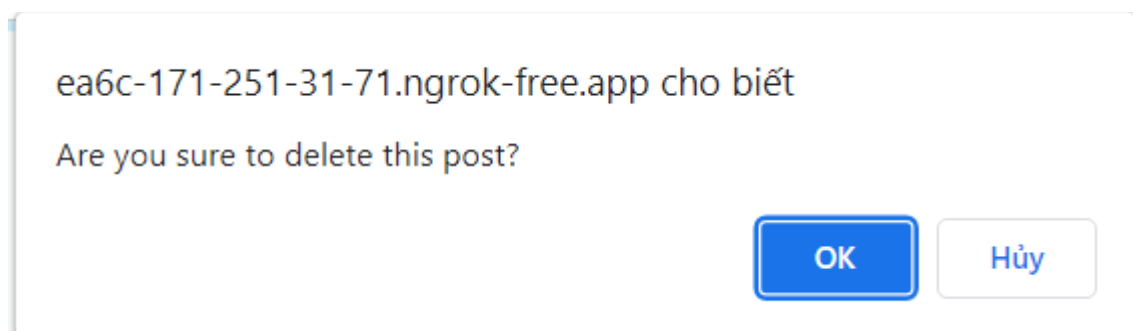
Select "OK" to delete the post

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4.5 Like/Unlike:

Please click on the "Like" icon to like the post of another user.

Please click on the "Unlike" icon to unlike the post of another user.
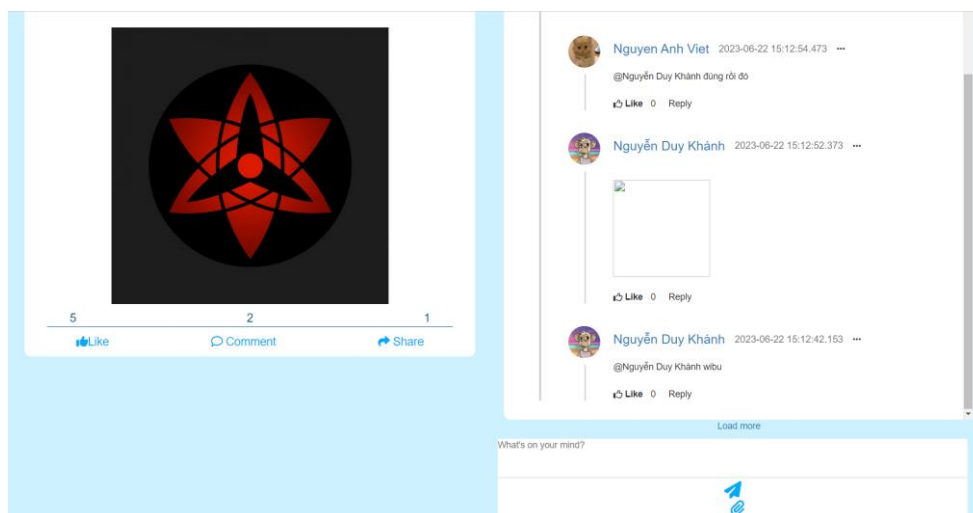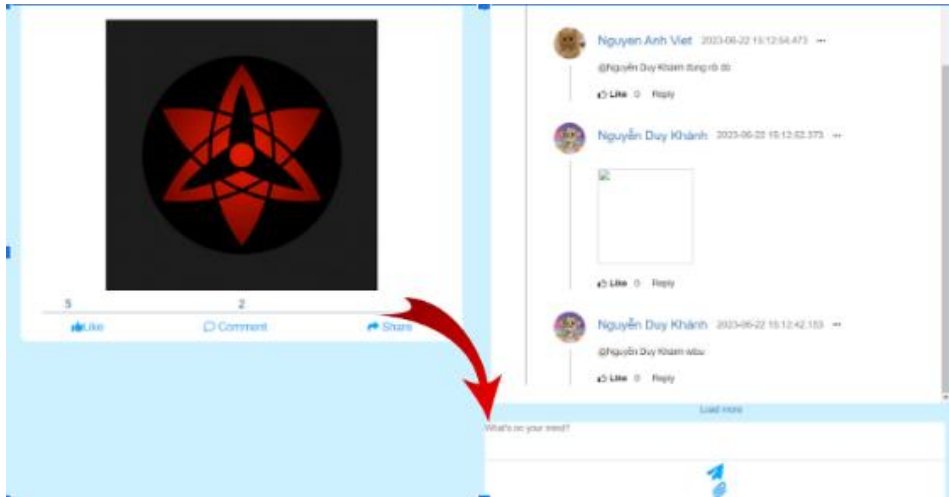
4.6 Comment:

At the post, click on the "Comment" box to write your comment.

A page with the post and comments will appear:
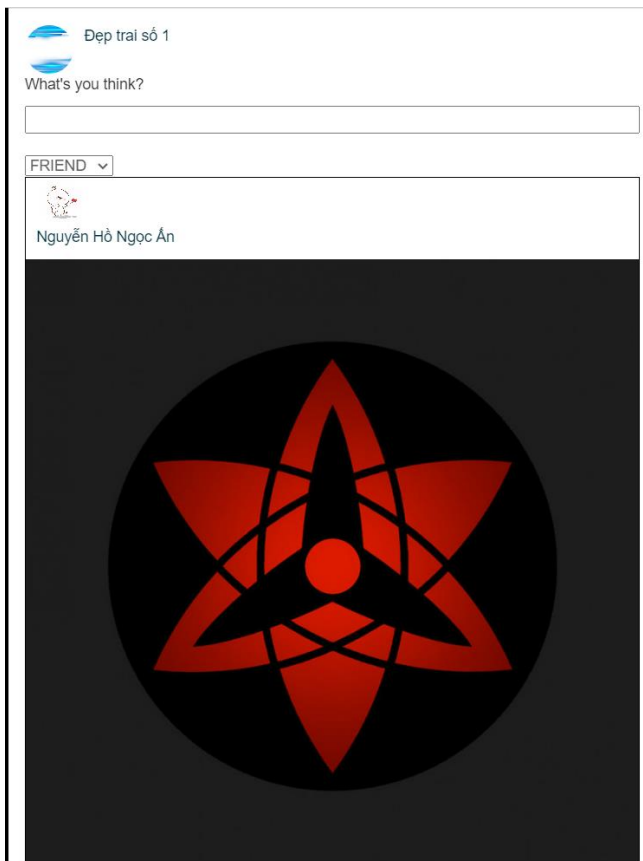

Write your comment here to send it:

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4.7 Share:

To share a post, you need to select the share icon on the post of another user.

A share dialog box will appear.

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Đẹp trai số 1

What's you think?

FRIEND ∨

Nguyễn Hồ Ngọc Ấn

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Please write your thoughts about the shared post and click on "Save" to share it.


Save changes

5.Comment Management

5.1. Description

Comment Management is a system feature that allows users to view, create, update, and manage comments on posts within the social networking platform. It encompasses functionalities related to comment interaction, moderation, and user engagement. Comment Management is of medium priority as it plays a crucial role in facilitating user discussions and fostering community engagement.

5.2 Like/Unlike:

At the comments section, select the "Like" icon to like the comment.
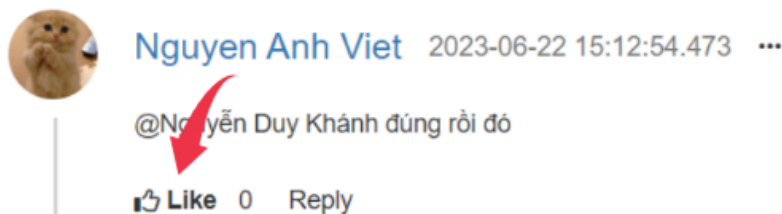
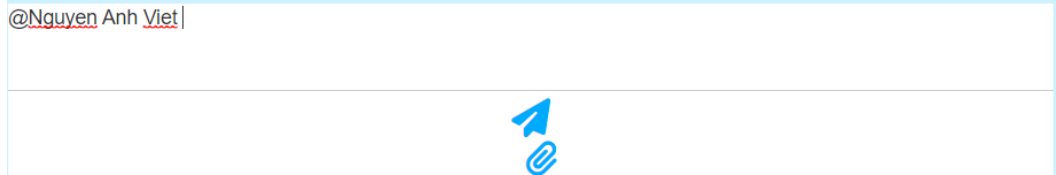At the comments section, select the "Unlike" icon to unlike the comment.

5.3 Reply

At the comments section, click on the reply icon to reply to the comment.

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In the comment input box, the name of the person being replied to will be displayed.

@Nguyen Anh Viet |

Write the comment you want to reply with.
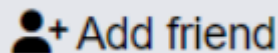
6.Social Interactions

6.1 *Description*

Social Interactions is a module within the system that enables users to connect, communicate, and engage with each other. It includes features such as adding friends, messaging, managing friend lists, and expressing reactions to posts and messages. Social Interactions is of medium priority as it plays a crucial role in fostering social connections, facilitating user discussions, and promoting community engagement within the platform.

6.2 Add/Delete Friend

6.2.1 Add Friend:

At the profile page of the other user, please click on the "Add Friend" button.

+ Add friend

When you click on it, it will change to: "Request Sent" to indicate that the friend request has been sent:

Sent Requested

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Now, in your notification dialog, you will see a notification stating that you have sent a friend request to the other user:
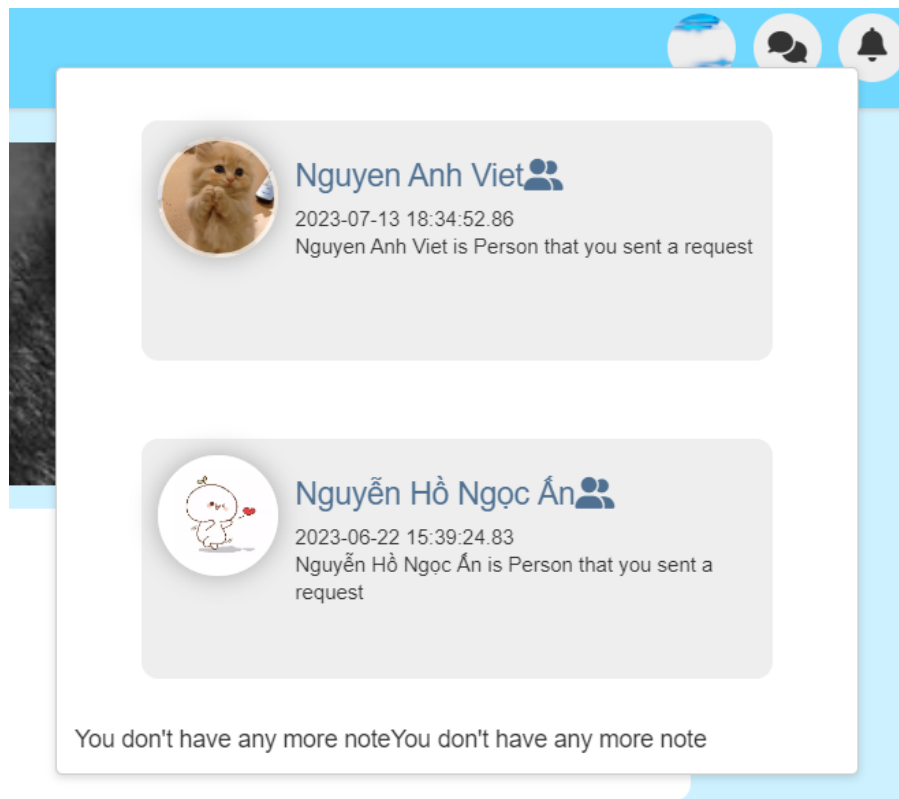
At that moment, the recipient of your friend request will also receive a notification indicating that they have received a friend request from you:
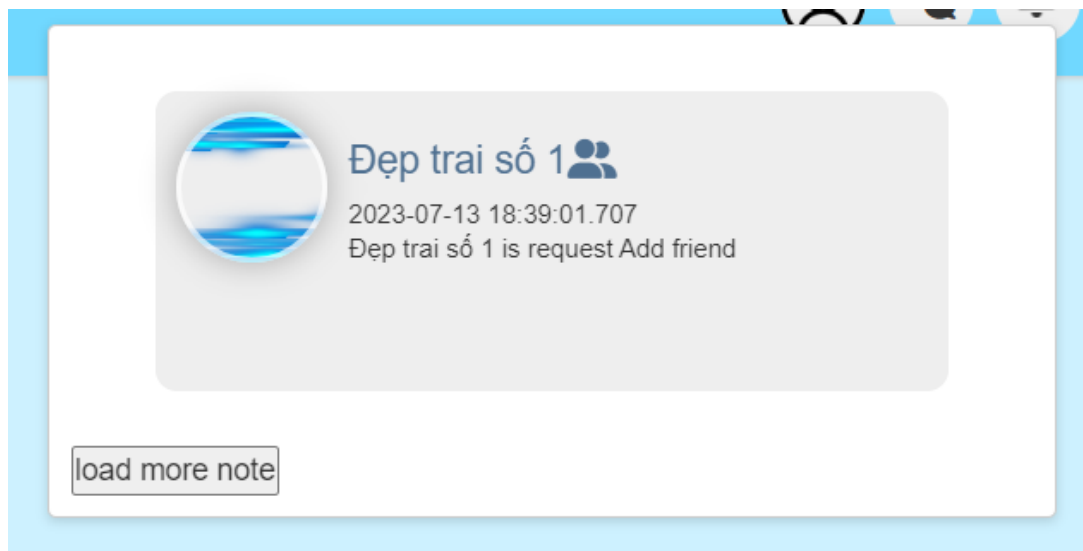
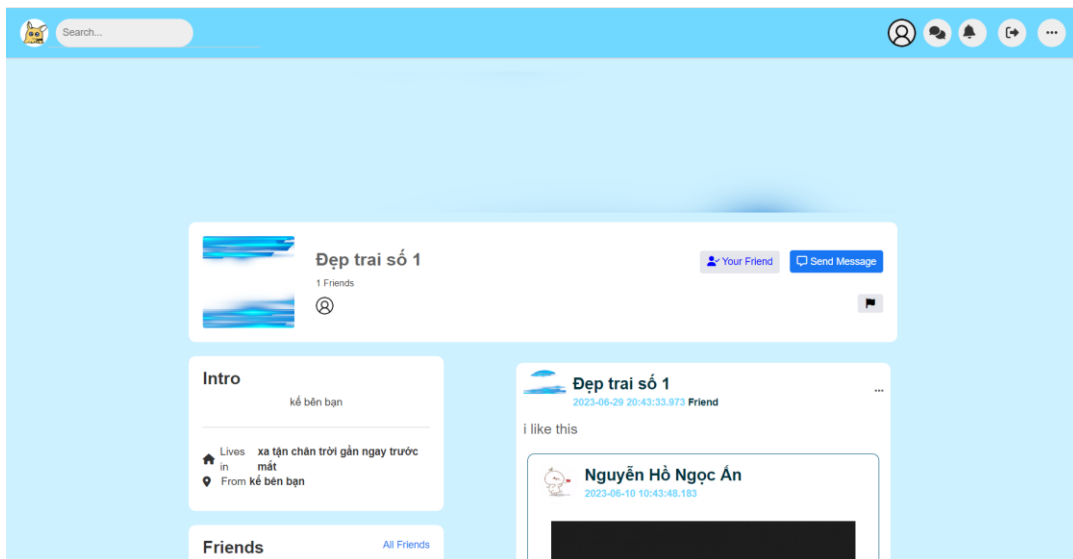When the recipient clicks on that notification, they will be directed to your personal profile page:
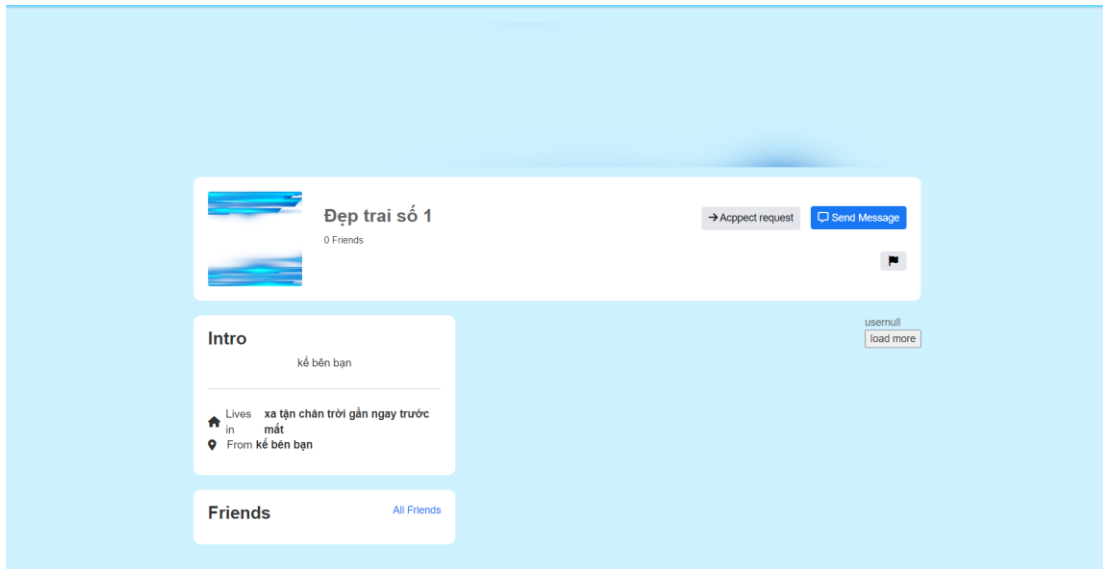
Here, please click on "Accept Request" to confirm and become friends.
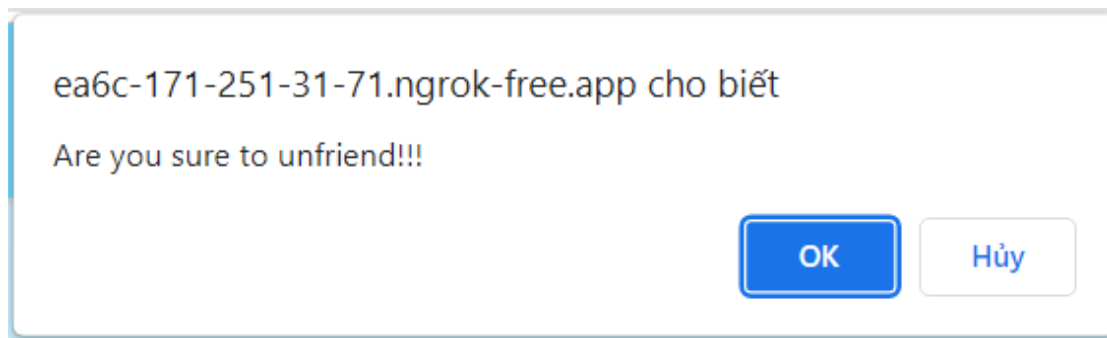

Now you have a new friend!!!

6.2.2 Delete Friend

To unfriend someone, please navigate to your own personal profile page.:

Please click on the "Your Friends" button:
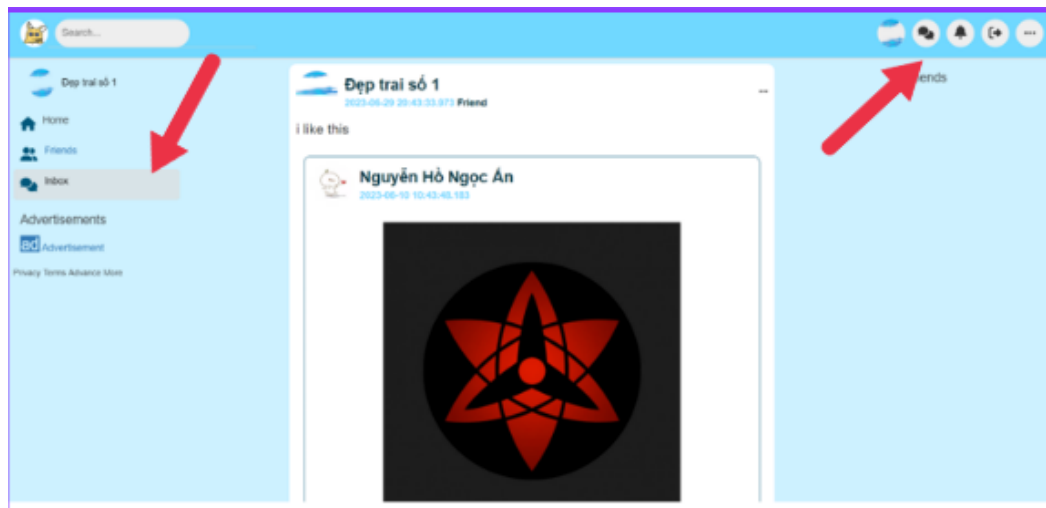

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Here, a confirmation dialog box will appear asking if you want to unfriend or remove the friend connection.
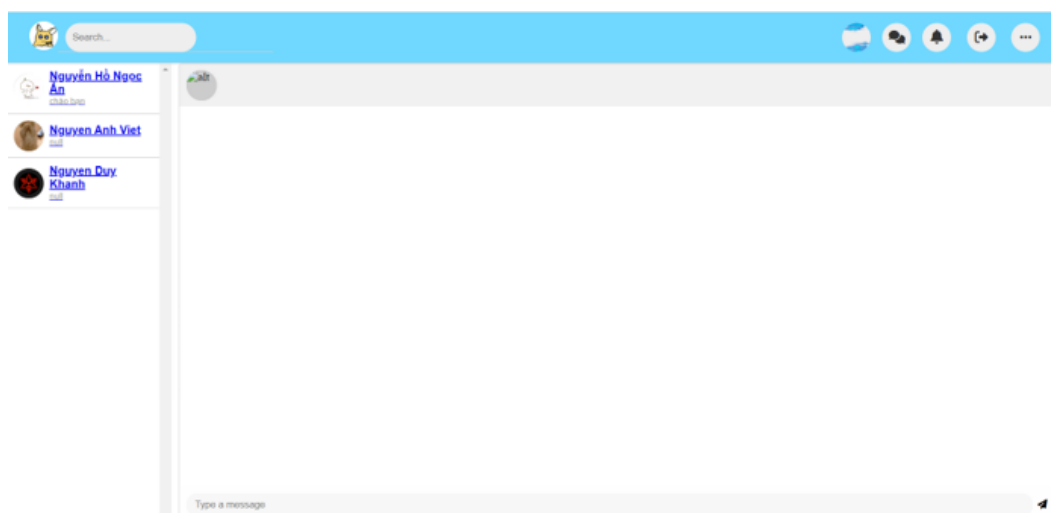

Select "OK" to unfriend or remove the friend connection.
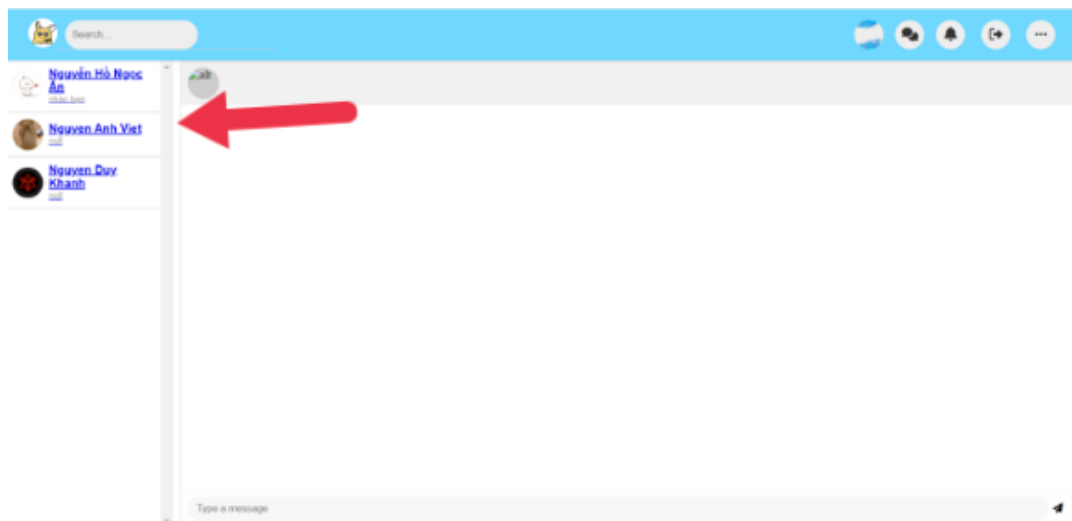
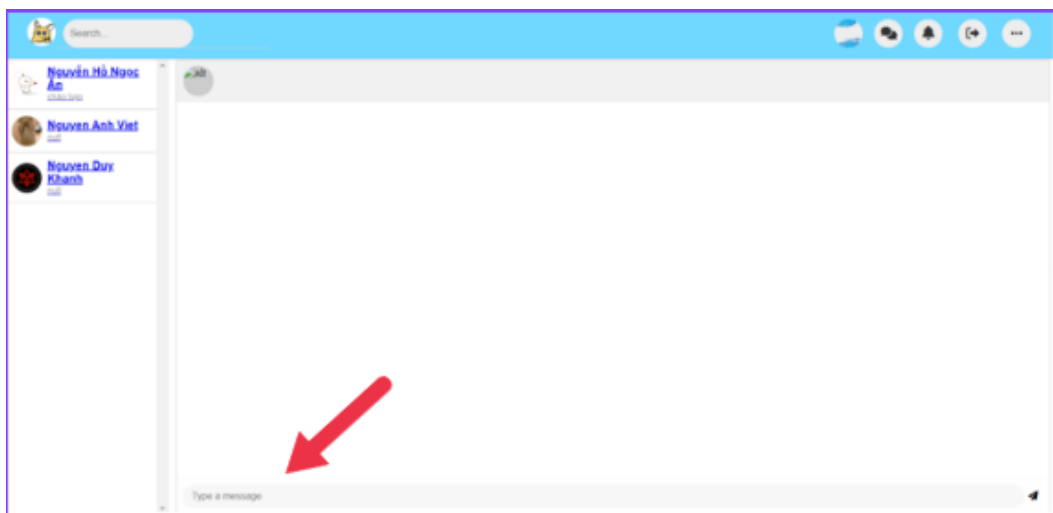### 6.3 Box chat

Click here to access the chatbox:

you will see the page of boxchat:

Select the friend you want to message:

Enter your message here:

## 7. Reporting and Management
7.1 Description

Reporting and Management is a module within the system that focuses on handling user reports, managing user accounts, and providing administrative functionalities. It encompasses functionalities related to user reporting, account management, and administrative tasks. Reporting and Management is of medium priority as it plays a crucial role in maintaining a safe and controlled environment, ensuring user compliance with community guidelines, and facilitating efficient platform management.

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7.2 Report User:

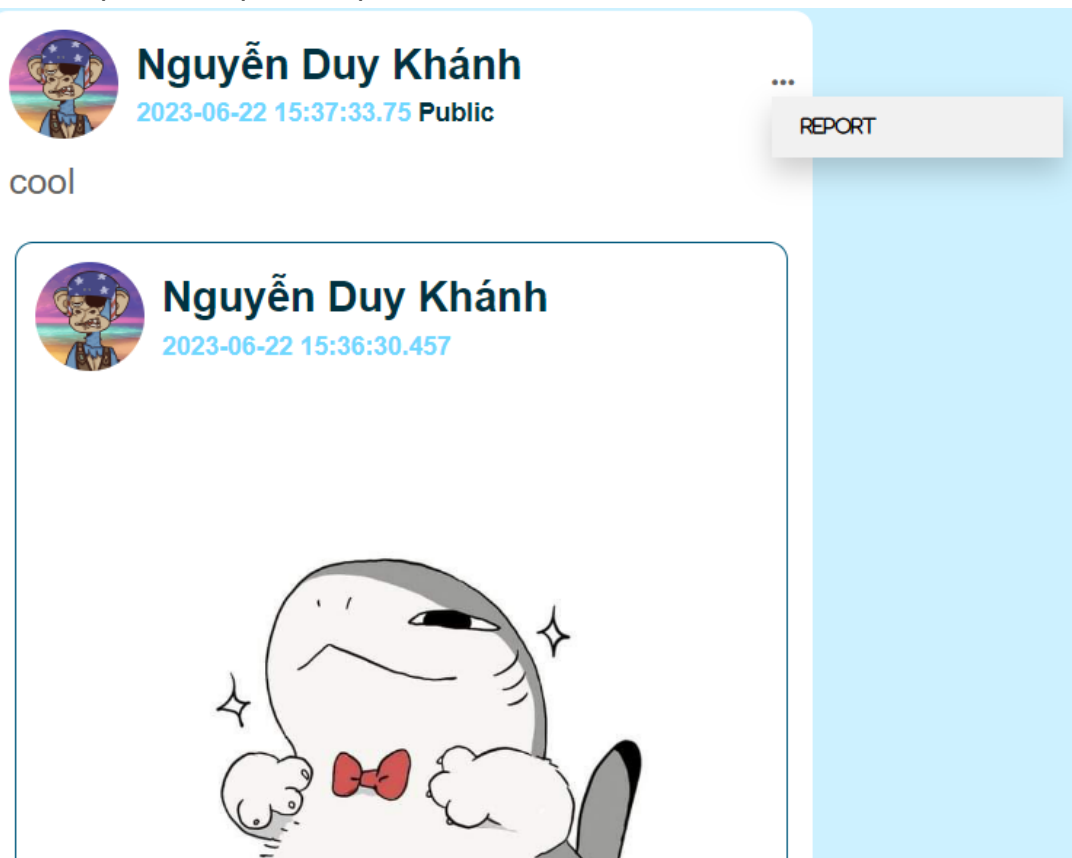At the profile page of another user, click on the flag icon to report that user.
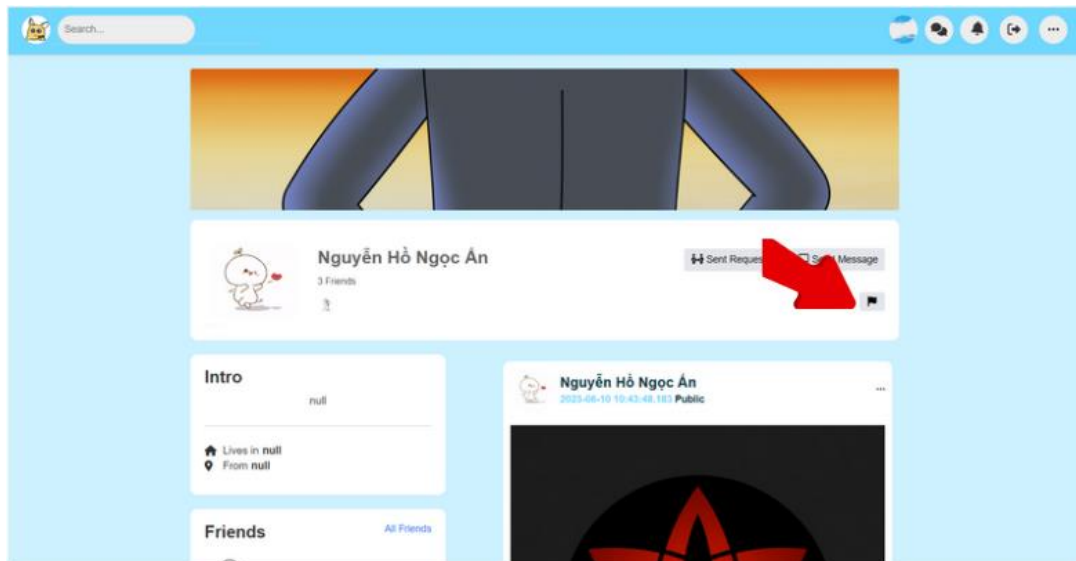
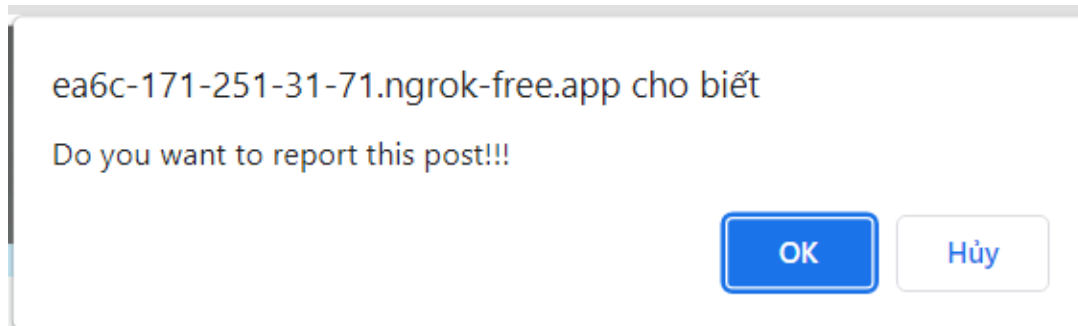A confirmation dialog box will appear, asking if you want to report this user.
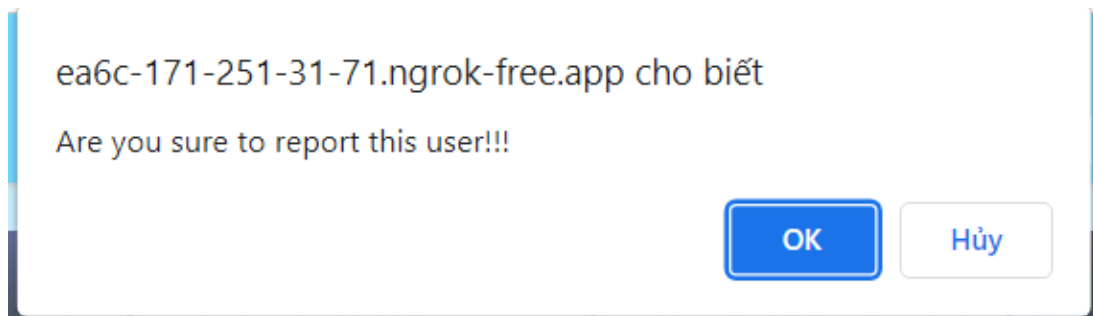
Click "ok" to report user!

7.3 Report Post:

At the top right corner of the post from another user, select the "..." button and choose "Report" to report the post
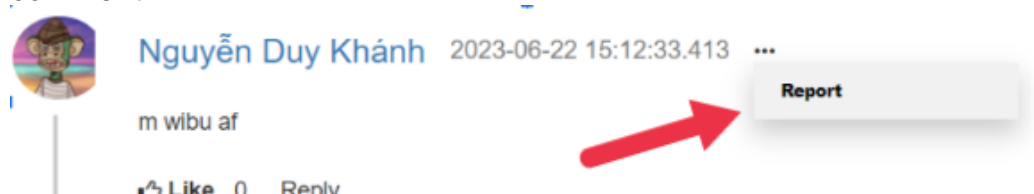

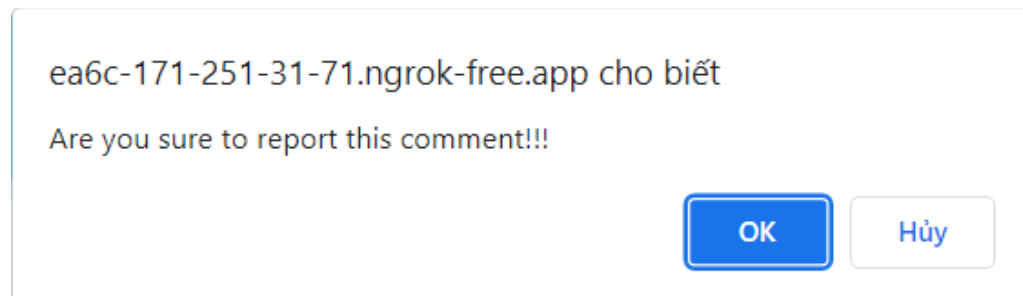A confirmation dialog box will appear, asking if you want to report the post.

Click "ok" to report post!!

7.4 Report Comment:

At the comment section, select the "..." icon and choose "Report" to report the comment.

A confirmation dialog box will appear, asking if you want to report this comment.

ea6c-171-251-31-71.ngrok-free.app cho biết

Are you sure to report this comment!!!

OK   Hủy

Click "ok" to report comment!!

8.Admin
8.1 *Description*
An admin account is a special user account with elevated privileges and authority within a system or platform. Admin accounts are typically responsible for overseeing and managing various aspects of the platform, such as user accounts, content moderation, and system settings. They have the ability to monitor and control user activities, handle reported content, enforce policies and guidelines, and ensure the smooth functioning of the platform. Admin accounts often serve as the point of contact for user support, addressing inquiries, resolving issues, and maintaining a safe and positive environment for all users.

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You need to have an admin account to log in. In the admin's personal profile page, select the "..." icon at the top right corner to switch to the admin's page.
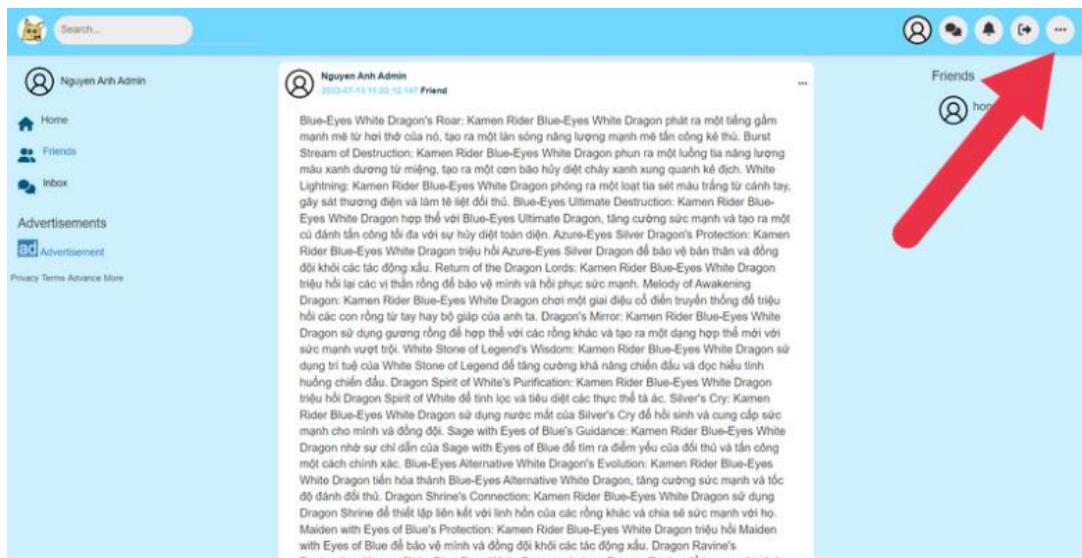
8.2 User report:

Select the "User Reports" section on the admin's page.
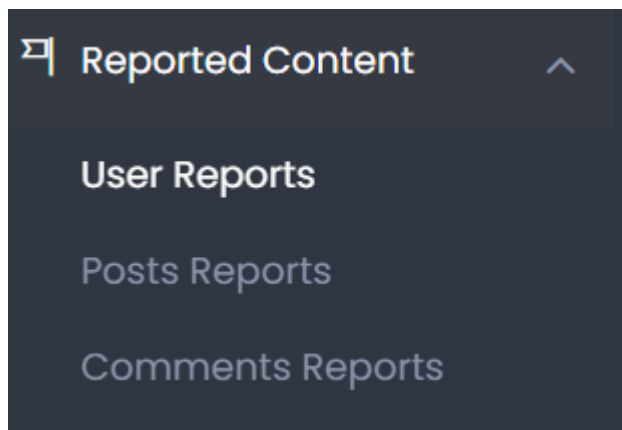
Here, click on the "+" icon to select the user that needs to be addressed.

Data Table Primary

Show 10 entries   Search:

Image	FullName	Account	Mail	PhoneNumber	Address	Number Reported Of Comment	Number Reported Of Post
	Nguyen Anh Viet	viet080702	van123872000@gmail.com	0384859541	Quảng Ngãi	4	1
	Nguyễn Hồ Ngọc Ân	ngocan0212	ngocan2002@gmail.com	null	Huế	3	1
	Nguyễn Duy Khánh	khanhdesu	khanhndde160504@fpt.edu.vn	null	Gia Lai	6	6

Number Reported of User 1

Action Delete/Lock/Skip

Showing 1 to 3 of 3 entries
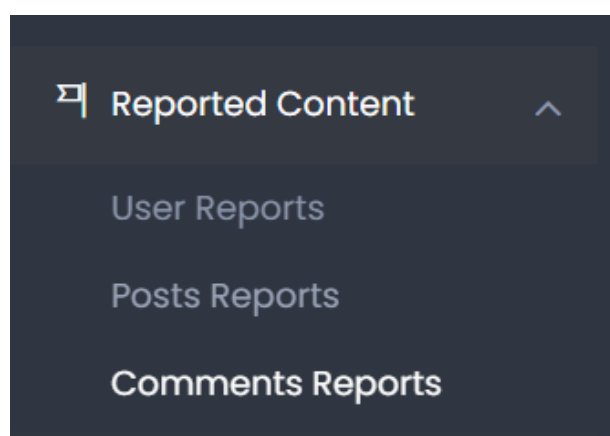
Previous **1** Next

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8.3 Posts report:

Select the "Posts report" section on the admin's page.
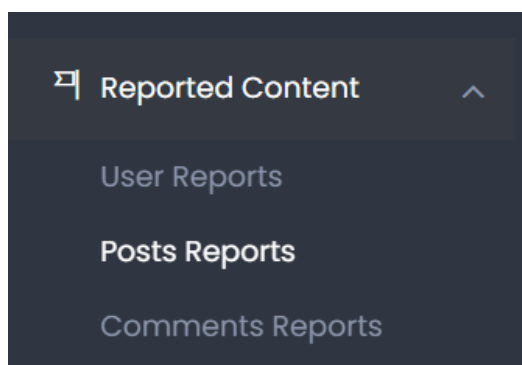
Here, click on the "+" icon to select the post that needs to be addressed.

8.4 Comments report:

Select the "Comments report" section on the admin's page.

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Here, click on the "+" icon to select the comment that needs to be addressed.

Data Table Primary

Show 10 ◆ entries   Search: [   ]

| Image ↑↓	Content	Report Number ↑↓	Time ↑↓
🔴 Không Có Ảnh	mèo của bạn dễ thương quá	1	2023-06-21
	Action Delete/Skip		
➕ Không Có Ảnh	dfasasdf	1	2023-06-21
➕ Không Có Ảnh	hello mọi người	1	2023-06-21
➕ Không Có Ảnh	cool	1	2023-06-22

9. Advertising Hub

9.1 Description

The brand-building function provides users with tools to create advertisements based on their brand. Users can select the ad type, format, content, and images that align with their brand's message and style. This helps increase brand recognition and the ability to make an impact with user advertisements.

9.2 Create Brand:

To place an advertisement, you need to select the "Advertisement" section on your personal profile page.

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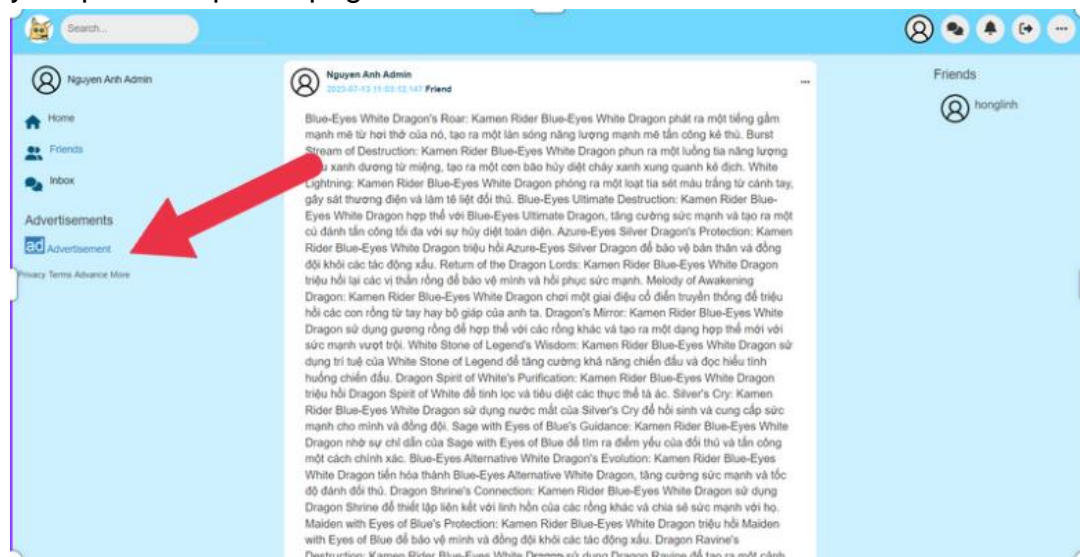
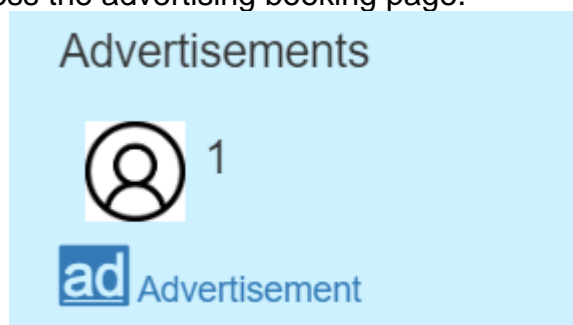A dialogue box requesting advertisement information will appear.

Please provide the necessary information for the advertisement.
Select "Save" to save the advertisement.

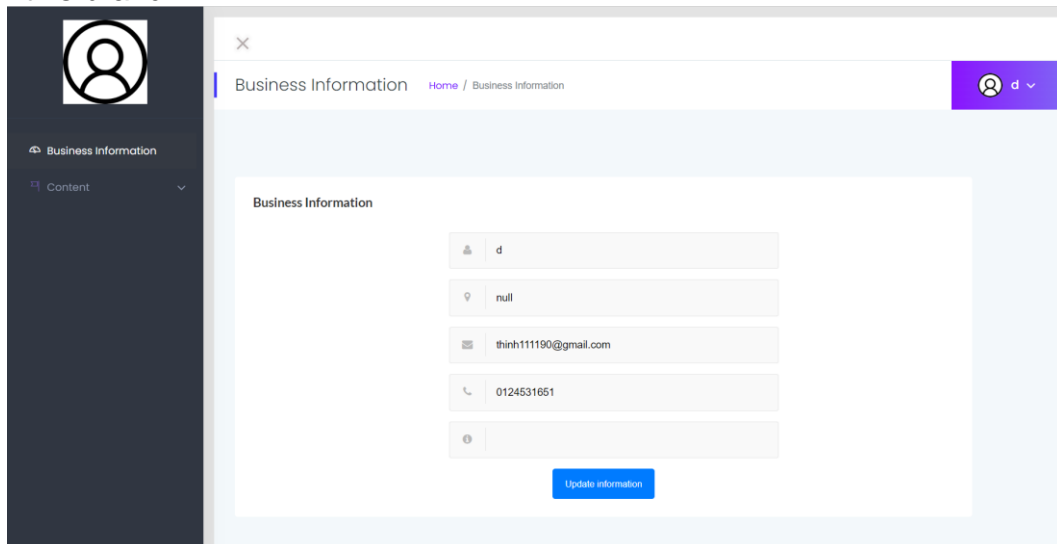**9.3 Add ADS:**
Select "Brand" to access the advertising booking page.

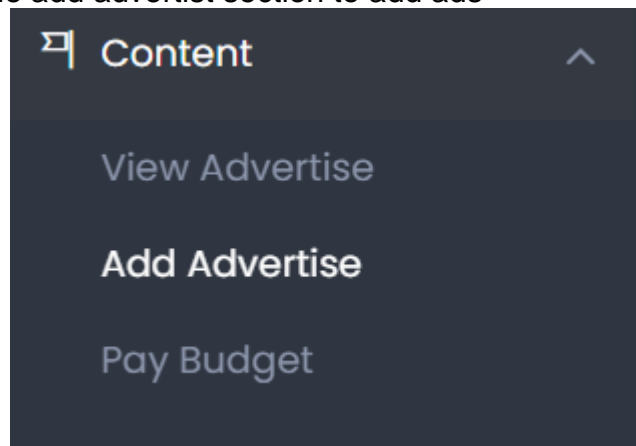You will see a brand management page for managing advertisements under this brand.
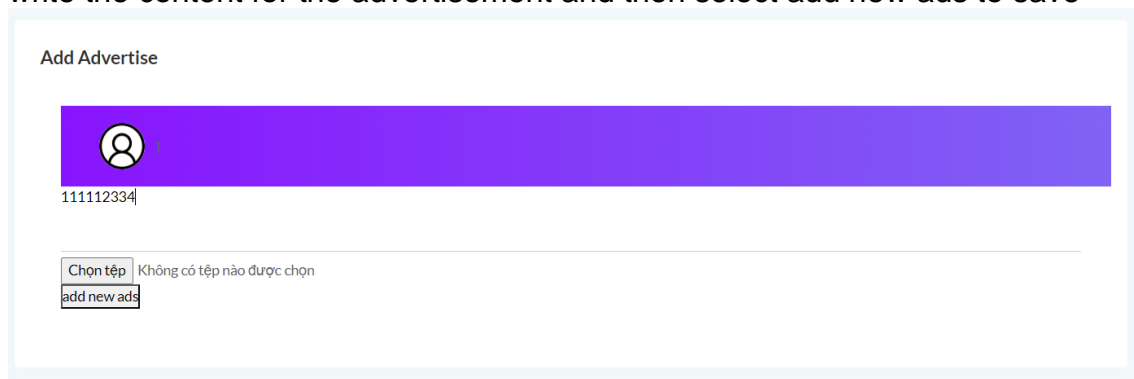

User Select the add advertist section to add ads

write the content for the advertisement and then select add new ads to save

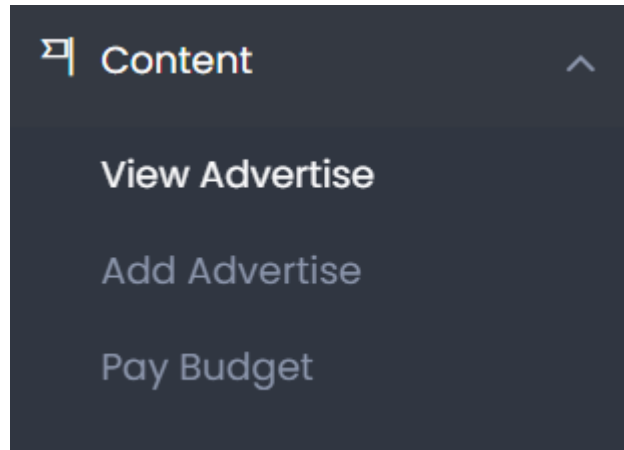– Da Nang, July 2023 –

you will see this box:

ea6c-171-251-31-71.ngrok-free.app cho biết

!!!Add new Advertise successfull!!!

OK
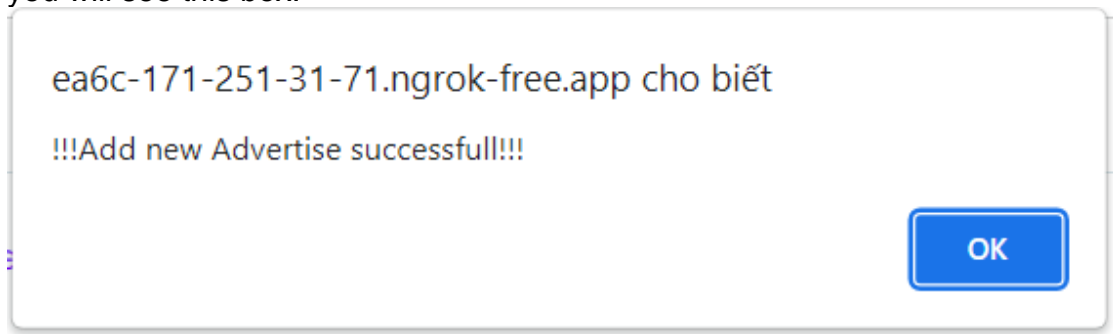
9.4 ConfirmADS

User Select the view advertist section to view ads

Select post to push the ad up

List Advertise

Budget 0.0 $

Show 10 ⇕ entries   Search: [   ]

Image	Content	Number Interface	Quantity	Status
🔴 Không Có ?nh	111112334	0	0	inactive

Action   Post /View /Delete

Showing 1 to 1 of 1 entries

Previous **1** Next

– Da Nang, July 2023 –

choose the number of times to advertise and click ongoing to start.

POST ADVERTISEMENT

Number quantity: 0

1
sponsored

111112334

Add more quantity: 3

Price: 0.15000000000000002$

Pay

ongoing   Close

Now you will see:

ea6c-171-251-31-71.ngrok-free.app cho biết

ongoing successfull

OK   Hủy

choose the number of times to advertise and click inactive to end.

POST ADVERTISEMENT

Number quantity: 0

1
sponsored

111112334

Add more quantity:

Price: 0$

Pay

inactive   Close

– Da Nang, July 2023 –

now you will see:

ea6c-171-251-31-71.ngrok-free.app cho biết

inactive successfull

OK   Hủy

9.5 DeleteADS:

Select 'delete' to remove the advertisement section that needs to be deleted.
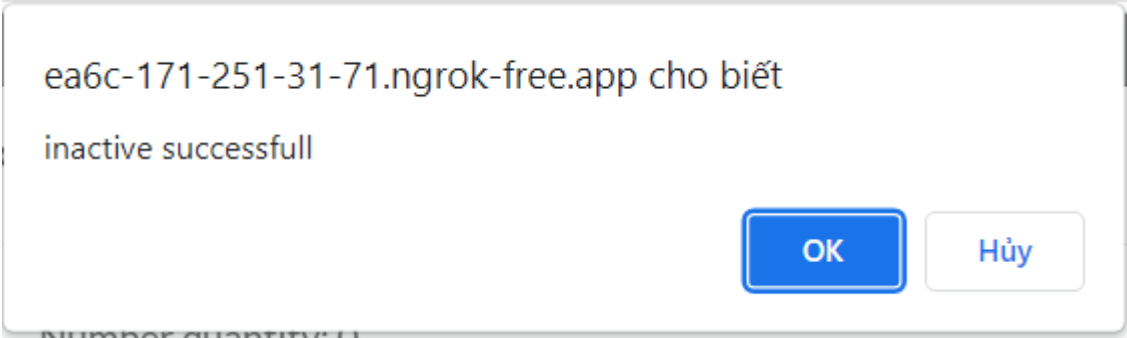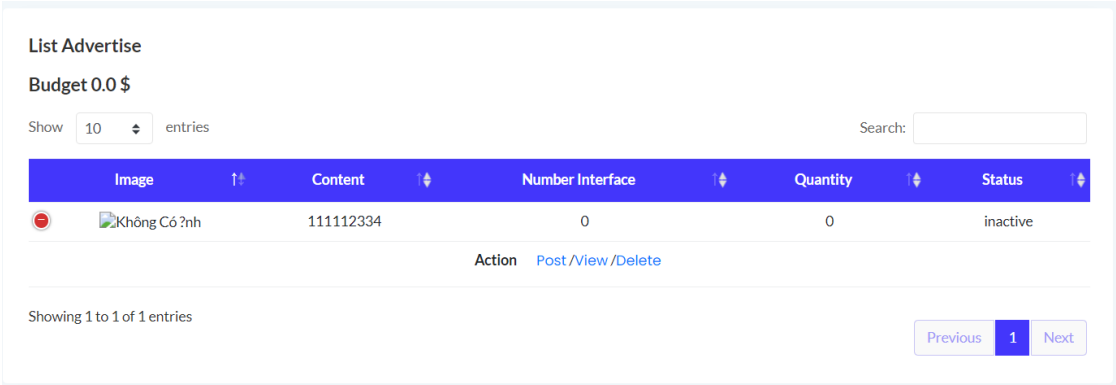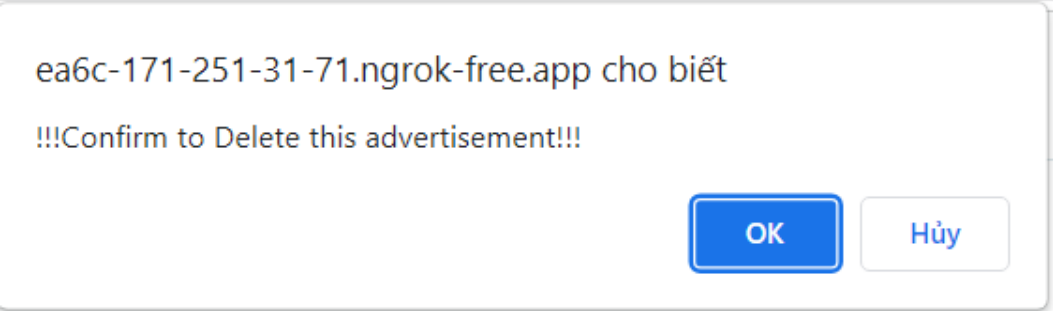
List Advertise

Budget 0.0 $

Show 10 entries   Search:

Image	Content	Number Interface	Quantity	Status
🔴 Không Có ?nh	111112334	0	0	inactive

Action   Post /View /Delete

Showing 1 to 1 of 1 entries

Previous   1   Next

now, you will see:

ea6c-171-251-31-71.ngrok-free.app cho biết

!!!Confirm to Delete this advertisement!!!

OK   Hủy

click ok to delete ads.

9.6 ModifyADS:

Select 'view' to edit the ads.

List Advertise

Budget 0.0 $

Show 10 entries   Search:

Image	Content	Number Interface	Quantity	Status
🔴 Không Có ?nh	111112334	0	0	inactive

Action   Post /View /Delete

Showing 1 to 1 of 1 entries

Previous   1   Next

– Da Nang, July 2023 –
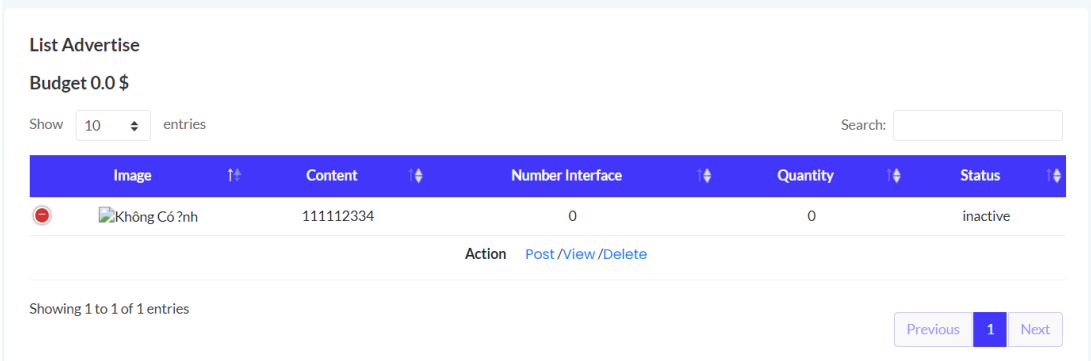
Fill in the information that needs to be changed and then press 'save'.

now you will see:

9.7 Pay Buget:
choose Pay Buget:

– Da Nang, July 2023 –

Enter the amount to deposit:

choose paypal to pay!!