



FCS: RansomHub's user manual

Group 1: RansomHub Members:

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Website URL: <https://192.168.2.233/>

1. Sign UP

Steps to Create an Account

1. Access the Signup Page

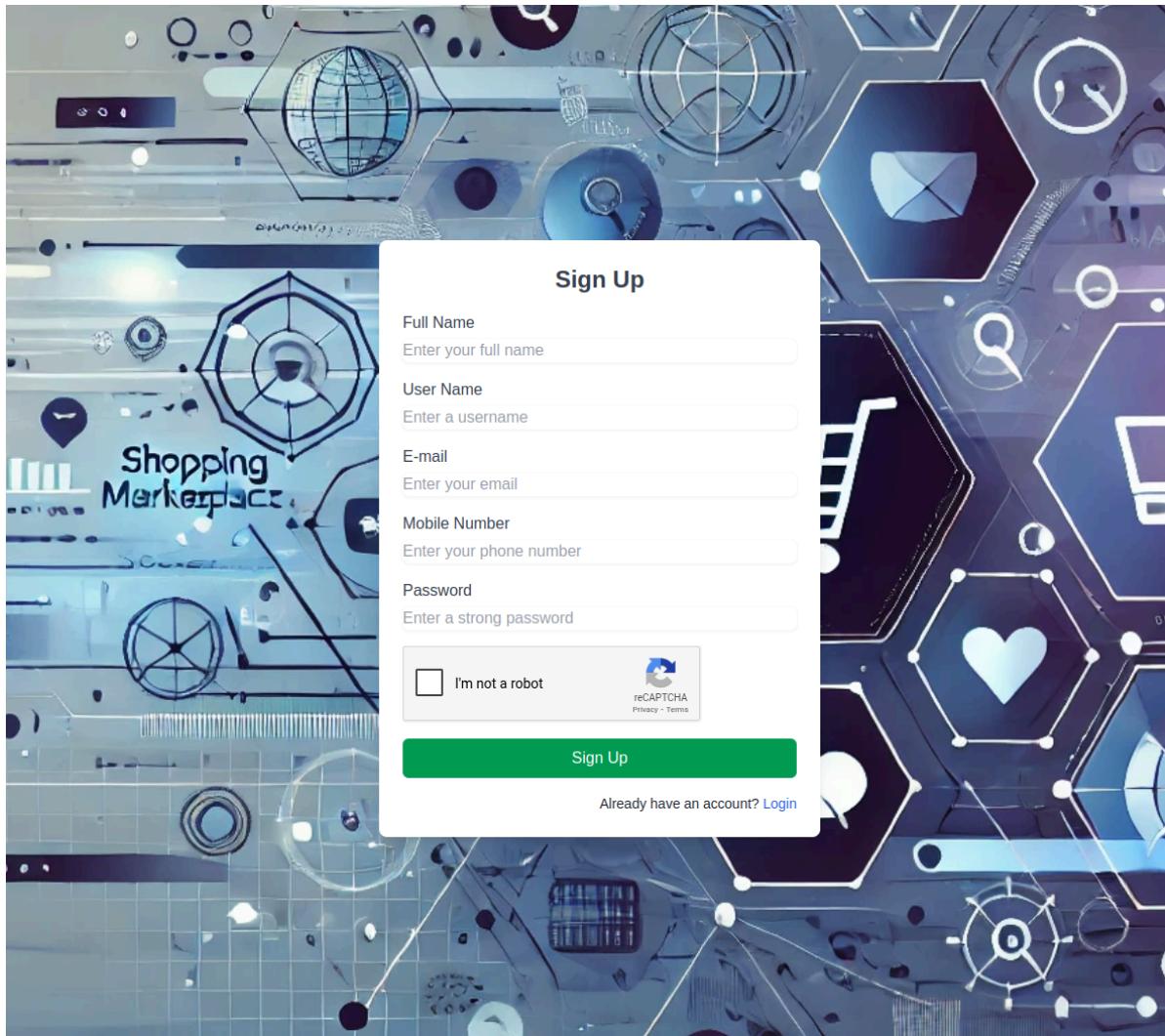
- Open the website and click on "Sign Up".

2. Fill in the Required Details

- **Full Name:** Enter your full name.
- **Username:** Choose a unique username.
- **Email:** Provide a valid email address.
- **Phone Number:** Enter a 10-digit mobile number.
- **Password:** Create a strong password (minimum 6 characters).

3. Complete reCAPTCHA Verification

- Check the "**I'm not a robot**" box to verify you're human.



4. Submit the Form

- Click "**Sign Up**" to register.

5. Verify Email via OTP

- After submission, you'll receive an OTP (One-Time Password) via email.
- Enter the OTP in the verification page to activate your account.

2. Login

Steps to Log In

1. Access the Login Page

- Open the website and click "**Login**" (if not redirected automatically).

2. Enter Credentials

- **Email:** Enter the email used during signup.
- **Password:** Input your password.

3. Complete reCAPTCHA Verification

- Check the "**I'm not a robot**" box.



4. Submit

- Click "**Login**" to access your account.

5. Successful Login

- You'll be redirected to the homepage or dashboard.



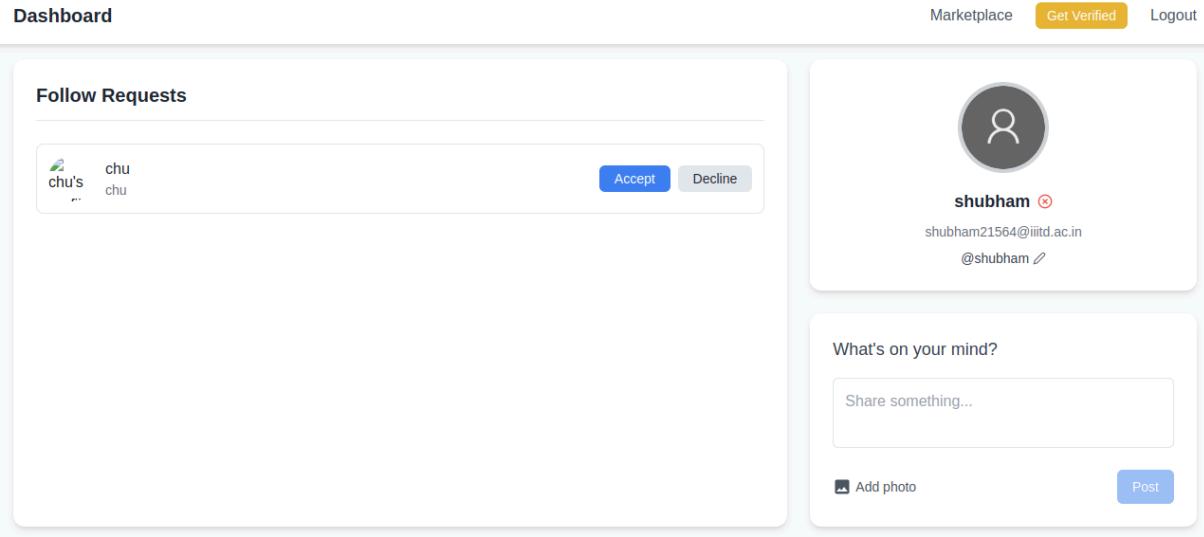
3. User Dashboard

The user can upload or change their profile picture by clicking on the image icon.

All follow requests will be visible on the page, and the user will have the option to **accept** or **reject** them.

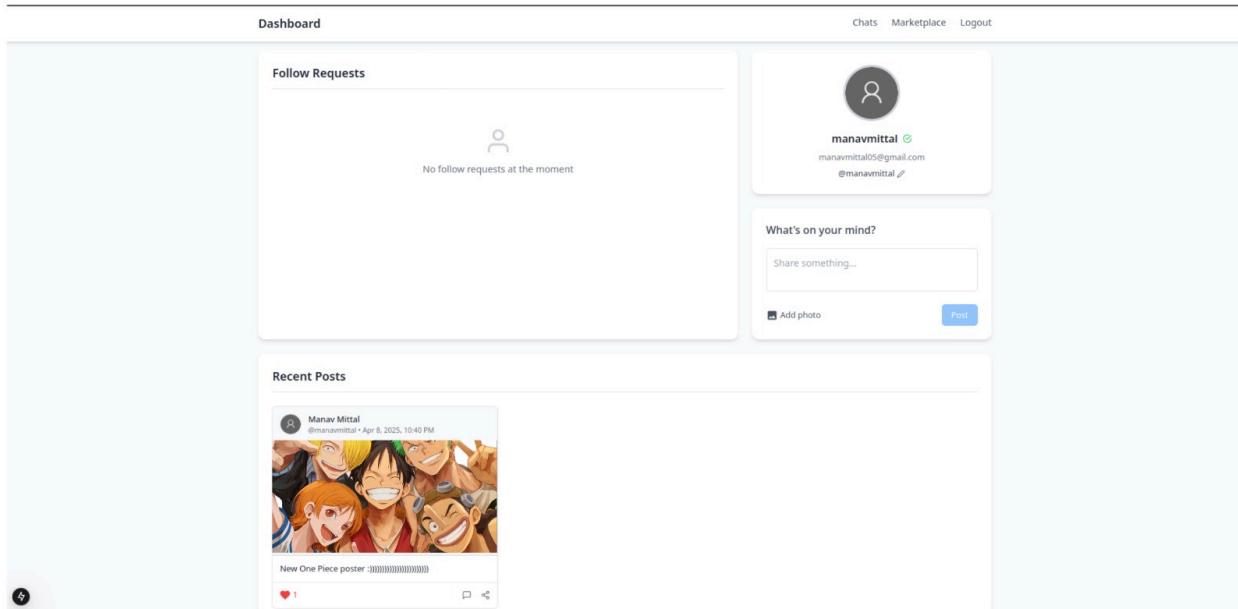
User can post their thoughts and images through the post button.

The follow button is present in the header of the chat section. When a particular user sends a follow request, the other user will have to accept the request from the dashboard and be able to see the posts.



A user can follow other users and like the posts which are posted by other users. While posting, the user can add a caption and an image.

The post is visible in recent posts.

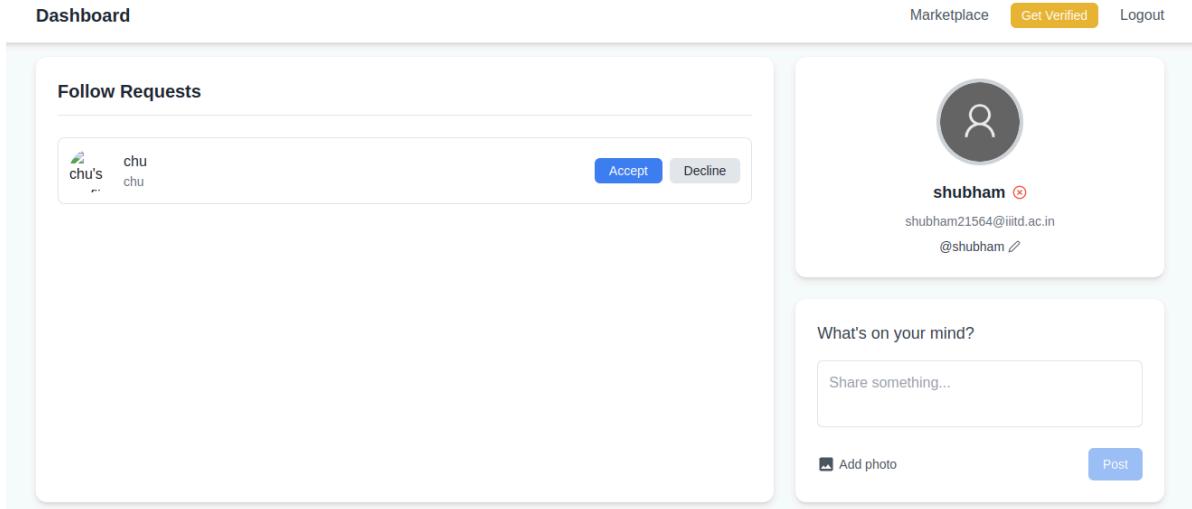


4. Get Verified

Steps to Verify Your Account

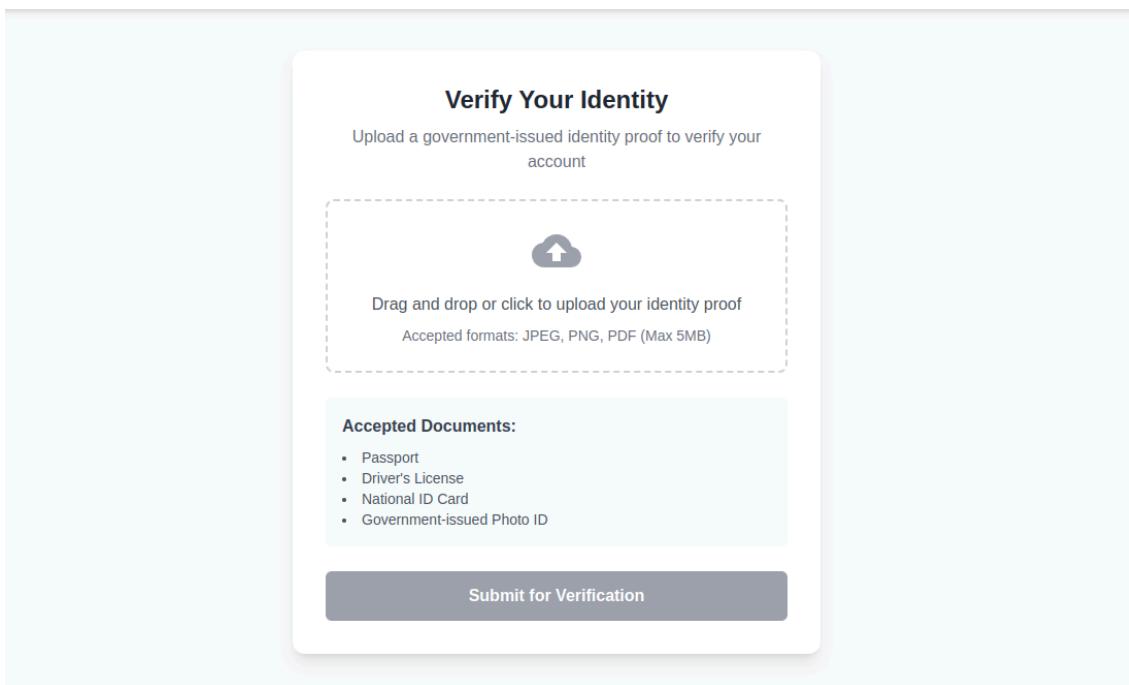
1. Access Verification Page

- Navigate to "**Get Verified**".



2. Upload Government ID

- Accepted formats: **JPEG, PNG, PDF (Max 5MB)**.
- Supported documents:
 - Passport
 - Driver's License
 - National ID



3. Submit for Review

- Click "**Submit for Verification**".
- You'll receive a confirmation once processed.

4. Marketplace

5. Logout

Once your ID is verified, three new options will appear on the top-right menu of your dashboard:

1.

Chats: Start and manage conversations with other users.

2.

Marketplace: Explore and interact with items or services listed by the community.

3.

Logout: Safely sign out of your account.

Admin Dashboard

The user can upload or change their profile picture by clicking on the image icon. All follow requests will be visible on the page, and the user will have the option to

accept or reject them.

User can post their thoughts and images through the post button.

4. Get Verified

Steps to Verify Your Account

5. Chats

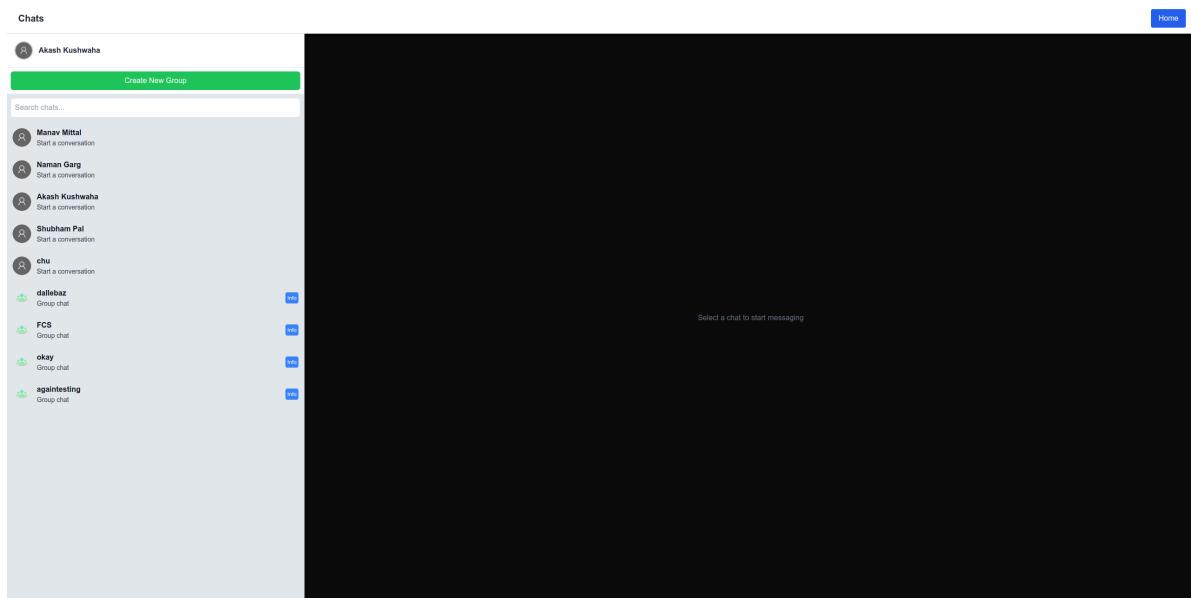
Steps to Use the Chats Feature

1. Access the Chat Page

- After logging in, click "**Chats**" in the navigation menu.

2. Select a One-to-one chat or a group chat

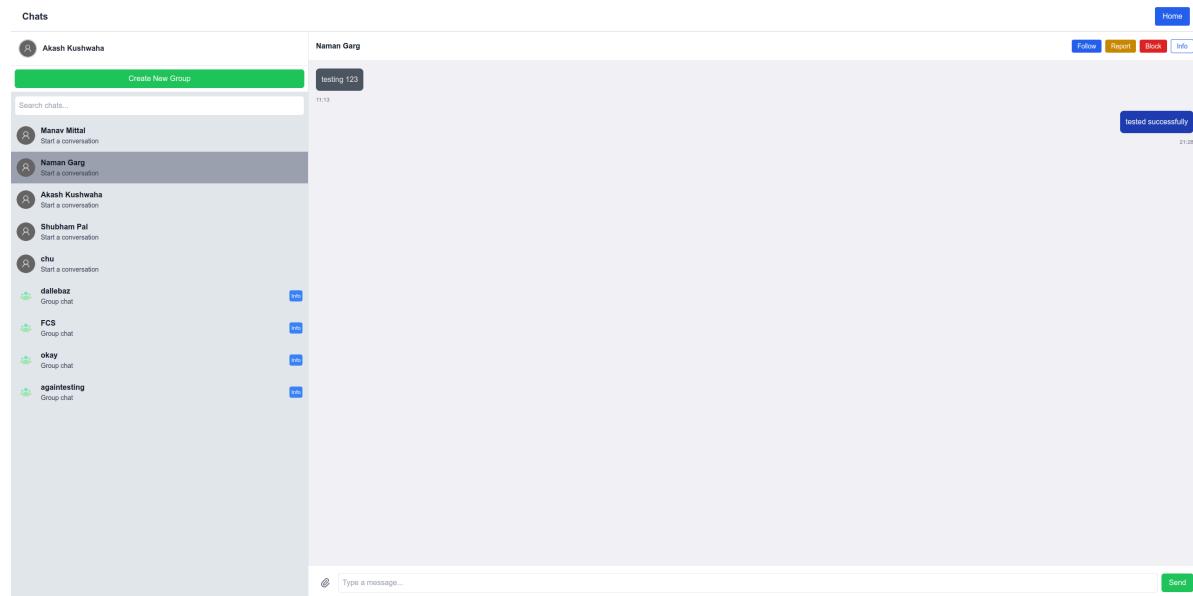
- Choose an existing chat from the sidebar or search for a user/group to start the conversation.



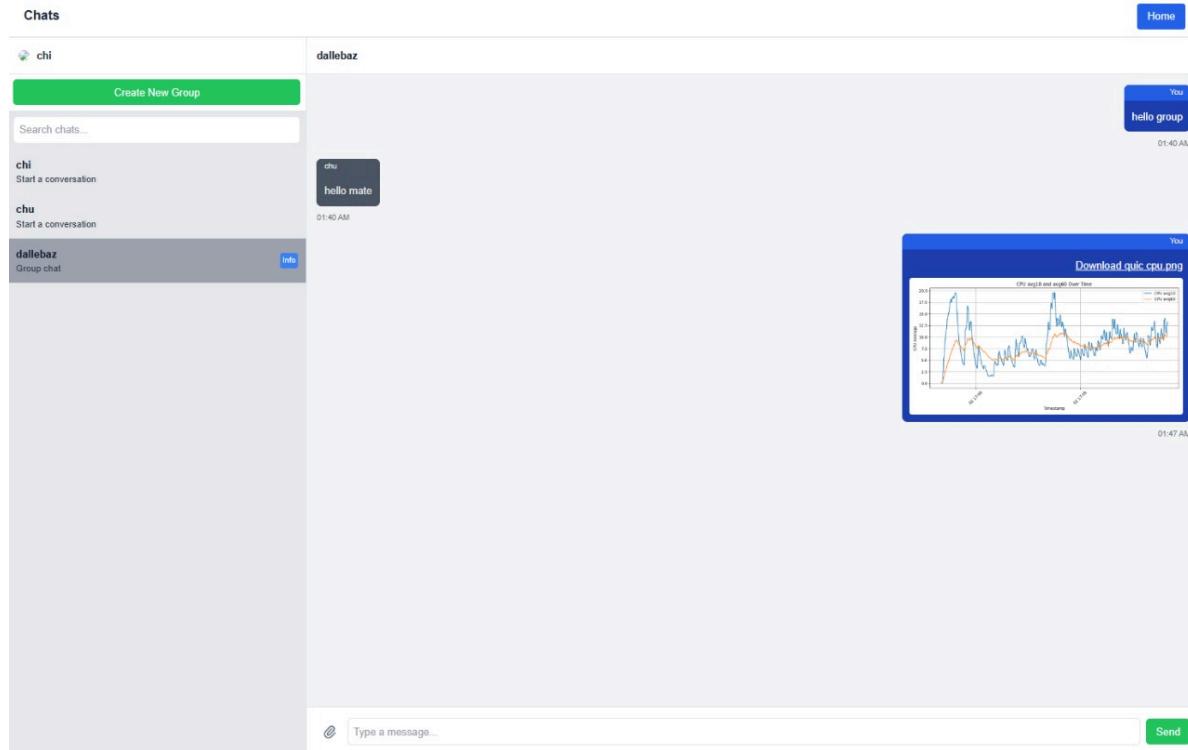
3. Send Messages and attachments

- Type your message in the input box and press **Enter** or click **Send**.
- Click the attachment icon near the message box. You can upload and share files such as images, PDFs, audio, videos, and more.

- For a one-to-one chat, you can send a follow request to the person, or choose to report or block them using the **Follow**, **Block**, and **Report** buttons available in the chat window.
- Click the **Info** button in the chat window to view details about the person you're chatting with.

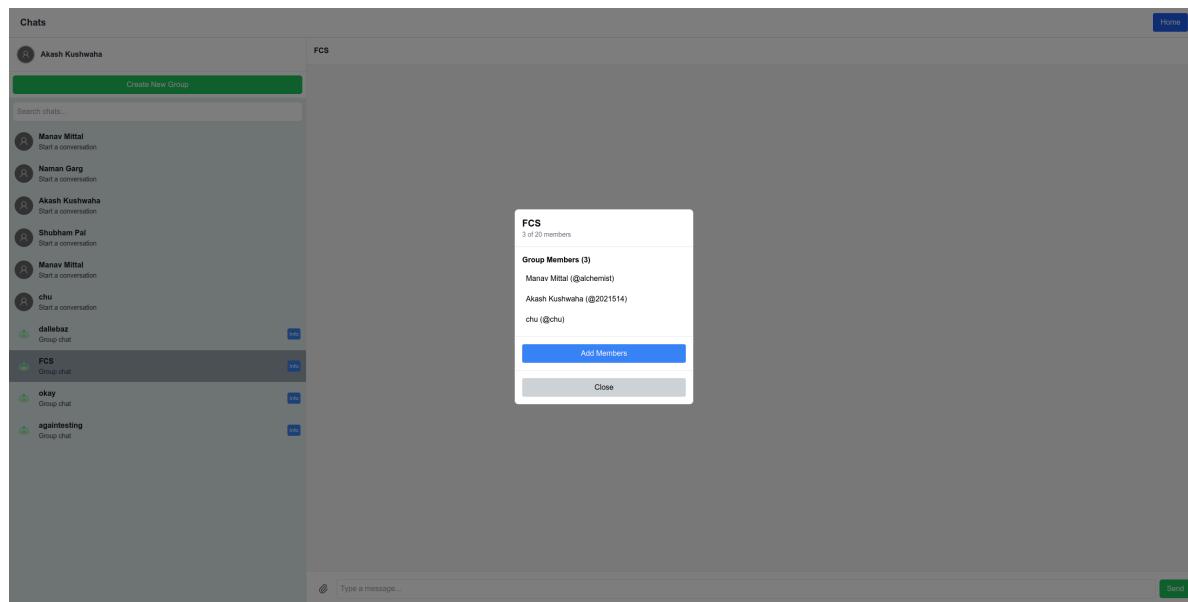


Attachment:

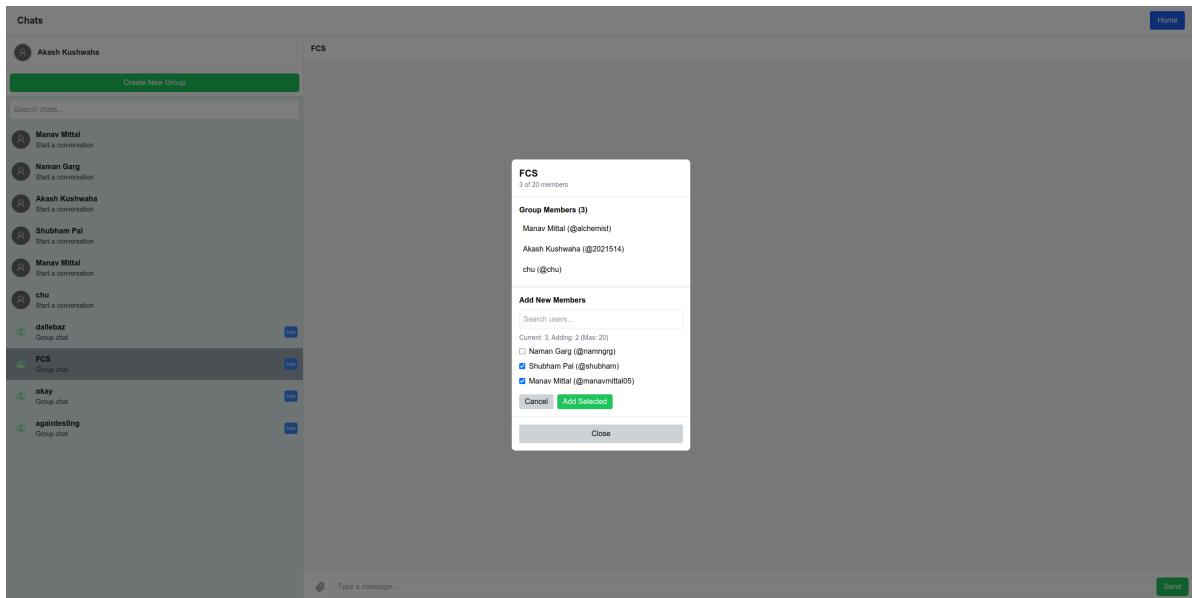


4. Group Chats (If Available)

- You can search for any group chat, or it will automatically appear if you've been added to a group or have created one.
- Click on the **info** button in the group chat to view group details, including the **group name** and the **names and usernames** of all current members.

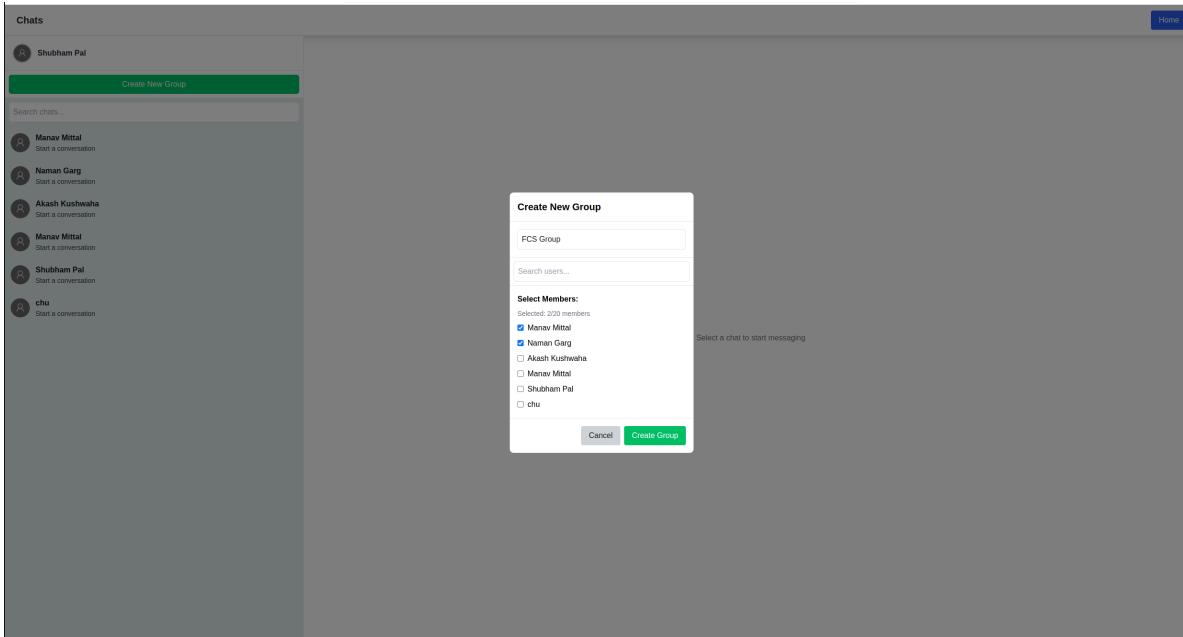


- When the user clicks on the **info** button, an **Add Members** button will appear. Upon clicking it, a list of all available users will be displayed. The user can search through the list and use checkboxes to select members, then click on the **Add Selected** button to add them to the group.



5. Create New Group

The user can create a new group by clicking the **Create New Group** button located near the sidebar. After entering the group name, they can add selected members to the group.



6. Navigate Back

- Click "**Home**" on the top navigation bar to return to the Dashboard page.

6. Marketplace

Steps to Browse Items

1. Access the Marketplace

- Click "**Marketplace**" in the navigation bar.

The screenshot shows a search results page for a marketplace. At the top is a search bar with the placeholder "Search items..." and a blue "Search" button. Below the search bar are two item cards. The first item is a "Pen Stand" listed under "Stationary" for \$50.00, marked as "available". The second item is a "Baddie" listed under "Robot" for \$1000000.00, also marked as "available". Both items have small images above their names. At the bottom of the page are navigation buttons for "Previous" and "Next", and a center indicator "Page 1 of 1".

2. Search for Items

- Use the search bar to find specific items by name or keyword.
- Filter results by category (if available).

3. View Item Details

- Click on an item to see:
 - **Images**
 - **Price**
 - **Seller details**
 - **Description**
 - **Status (Available/Sold)**

4. Navigating through pages

- Navigate through multiple pages of results using the "**Previous**" and "**Next**" buttons.

7. Item Listing & Selling

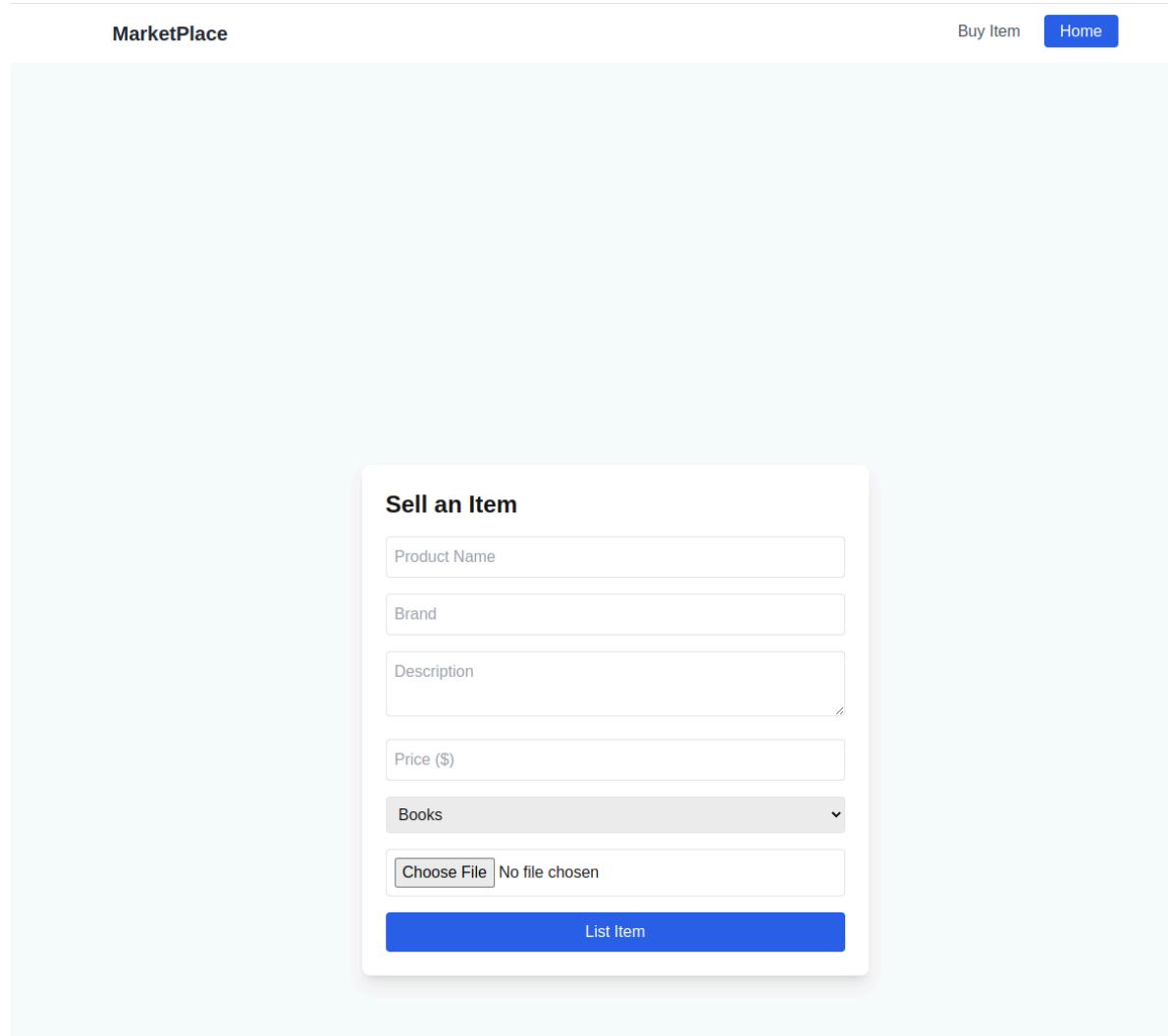
Steps to List an Item for Sale

1. Go to the "Sell Item" Page

- Click "**Sell Item**" in the marketplace navigation.

2. Fill in Item Details

- **Title:** Name of the item.
- **Brand:** Manufacturer or brand.
- **Description:** Detailed information about the item.
- **Price:** Set a price (in USD).
- **Category:** Select from available categories.
- **Upload Image:** Add at least one clear photo.



3. Submit Listing

- Click "**List Item**" to publish your listing.

4. Confirmation

- The item will appear in the marketplace once approved (if applicable).

8. Item Purchase & Payment

Steps to Buy an Item

1. Select an Item

- Click on an item from the marketplace to view details.

2. Click "Buy Now"

- If the item is available, click "**Buy Now**".

RansomHub Marketplace Home



Pen Stand
\$50.00 available
Category: Stationary
Description
Pen stand can be used to hold various stationary items like pen, pencil.
Seller Information
 chu chiragbanka0@gmail.com
Buy Now

3. Choose Payment Method

- **Credit Card**
 - Enter card details (number, name, expiry, CVV).
 - Provide billing address.
- **Cryptocurrency**
 - Send the exact amount to the provided wallet address.

Complete Your Purchase

Order Summary

Pen Stand
Seller: chu

Price	\$50.00
Transaction Fee	\$2.50
Total	\$52.50

Payment Method

Credit CardCryptocurrency

Card NumberExpiry DateCVV

Name on cardMM/YY***

Billing AddressStreet address

CityStateZIP Code

Pay \$52.50

You will receive an OTP on your email to confirm payment

4. Verify Payment via OTP

- An OTP (One-Time Password) will be sent to your email.
- Enter the **6-digit code** to confirm the transaction.

5. Completion

- After successful verification, the item will be marked as "**Sold**", and you'll receive a confirmation.

9. Reset Password

Steps to Reset a Forgotten Password

1. Go to the Reset Password Page

- Click "**Reset Password**" on the login page.

2. Enter Your Email

- Provide the email associated with your account.

3. Complete reCAPTCHA Verification

- Verify you're not a robot.



4. Request OTP

- Click "**Send OTP**" to receive a verification code via email.

5. Verify Identity

- Enter the OTP in the verification page.
- Set a **new password** and confirm it.

6. Submit

- Click "**Submit**" to update your password.

10. Blockchain (Bonus)

We implemented a basic *private* blockchain implementation to use for storing chat messages.