How to Interact with the website

Admin

- User is expected to have the **Metamask** wallet extension installed with some **GoerliEth** in it
- The register page asks the user to enter their email address and an **otp** is used to verify that the email id is correct
- After verifying the email ID, the user is expected to enter his other details and connect his metamask wallet to the website and upload an verifiable ID (eg. Aadhar card)
- The user is prompted to **sign the file's hash** that he uploaded so it can not be tampered with by any attacker
- This sign is put up on the **Goerli Testnet Network** using a **smart contract** https://goerli.etherscan.io/address/0x09a2fD8CEBBc51D28A5F39d4f5157644f10df05D#code
- This file can be verified using the **Wallet address (public key)** and the signature generated by other stakeholders. (After the admin verifies the file first).
- This file is also hashed to ensure integrity of the file.
- Once the user completes the registration, he/she has to wait for approval from the admin.
- The **admin** has a separate page where he/she can see all the users who are waiting for **approval** and those that have already been approved.
- The user files are expected to be within file limits **(5MB)** which has been set by us to protect from attacks.
- The password has to be 8 to 15 characters with at least 1 special character, 1 small case and 1 lowercase letter.
- The user is expected to use the **virtual keyboard** to enter the OTP.
- When the user is verified by the admin (please contact us on email (naman20088@iiitd.ac.in, venkata20149@iiitd.ac.in, sejal20467@iiitd.ac.in, aanya20419@iiitd.ac.in for approval in case not approved within 1 hr), he/she can **filter** hospitals, pharmacies, doctors based on parameters like **Name, Location and Speciality.**
- To use these filters, the user must click on the 'fetch' button to retrieve all the details from the backend database into the filter options.
- Using these filters, the user can note the **email IDs** of required people to share the file with
- The user can then go to the **Share Files section** and share the required file to the required email ID.
- Once the file is uploaded, the verification is done by the receiver, on their receiver side.
- The receiver can now go his **profile section** and click **Retrieve** and all the files uploaded by him/her can be viewed along with the files that are shared with him
- After **Fetching the docs**, the file names are visible as buttons,

- On clicking any file, that **file's hash** would be compared with the **file at the backend** to ensure that no tampering has occurred thereby verifying the file.
- To update user profile details, the user must be logged in and can enter details that he wants to edit. Note: date format is 'dd/mm/yyyy'.