

Pre-made accounts:

- Exampleuser (in email)
 - This is a claimant account, requesting signature from an authority
 - Sepolia eth has been pre-loaded into the acc.
 - Under 'my profile' a signed certificate is already available, feel free to make more!
- Metamask user -> login using Metamask
 - authority account to sign user claims, this account has some preloaded sepolia eth and a predefined authority name of UCL Test Demo Authority
 - Import with private key (in email)
 - Sharing the private key for convenience, I've made sure this wallet is only used for sepolia

Account notes:

- If you choose to register using email / password, the platform creates a new keypair for you; you can navigate to <https://proofvault.io/show-private-key/> to extract your private key and use it as a wallet

The app uses the following contract address:

<https://sepolia.etherscan.io/address/0xf9279ee3822a8AA68E384fC688E129fCB896fE6f>

-- Please note, if any blockchain notification system doesn't work, and transactions are not updating; accessing 'my profile' forces the system to refresh all unsigned transactions –

User flow

1. Login using <https://proofvault.io/>, and clicking 'Sign in'; use exampleuser@example.com
2. You will be redirected to the main page
3. Select authority name on main page and click 'Create Claim'
4. Fill in details
5. Sign the claim and initiate transaction

You will now see the claim under 'My Profile' accessible from the navbar and homepage, clicking on individual claim links will reveal the underlying data which is now encrypted on IPFS

****Authority flow****

1. Login using the provided authority account (using metamask)
2. Once redirected to homepage, you will see 'View Pending Claims'
3. A set of claims are presented that belong to your authority, clicking 'Sign Claim' will reveal a new claim verification page
4. Clicking "Prepare Certificate" previews a PDF of the certificate
5. A box appears offering to sign the claim

****Back to user flow****

1. Sign in as exampleuser again
2. Click 'My profile'
3. You should now see your claim as 'Signed'
4. Clicking on the claim will reveal a certificate, please download it
5. Navigate to <https://proofvault.io/verify-signature/>
6. Upload the certificate
7. Click the 'Verify certificate' button
1. You should now see the certificate has been verified, by which authority, along with an option to view the signature transaction on etherscan