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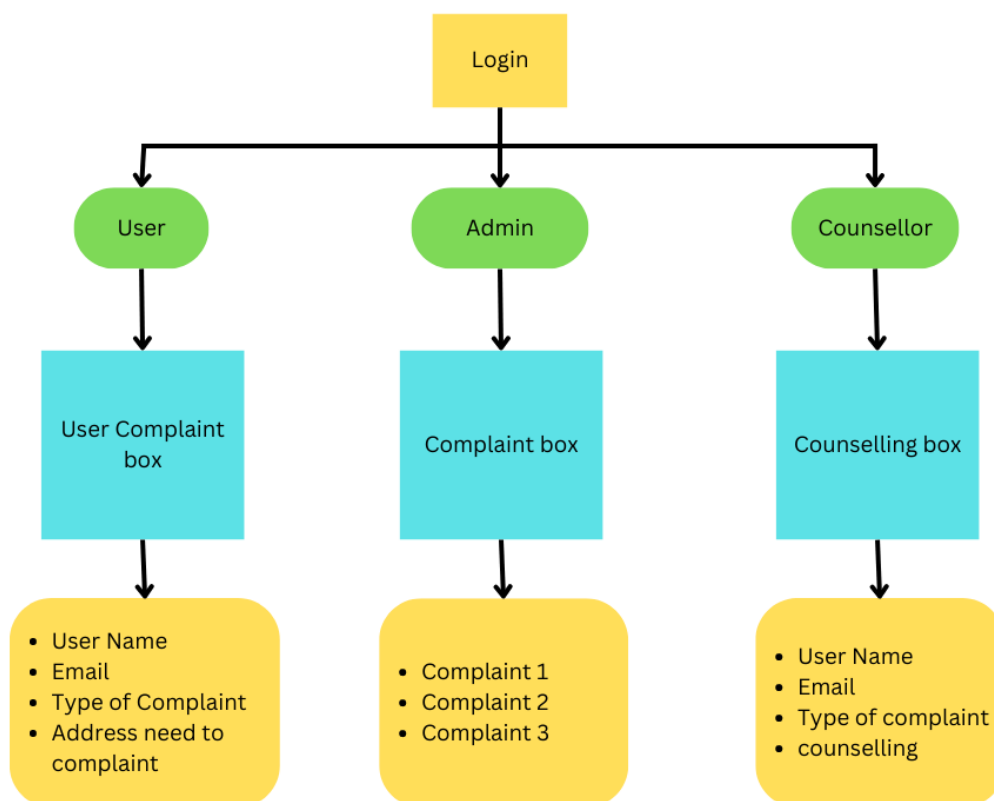
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Blockchain Technology Assignment – 2

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Feasibility Study for Blockchain Forensics webpage to register complaint for addresses

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The webpage we are going to create should have three stake holders, they are:

- User
- Admin
- Counsellor

The above given figure is the outlook for webpage. Now whether we need blockchain for this webpage, The login page details can be stored in database with that details we can say who is user and who is admin and counsellor. After the login page when a user is accessing the user complaint box to register the malicious address, here we need blockchain for example in this case we can use **Hybrid Blockchain** where if the user is registering for particular address then everyone registered in that webpage can view about the complaint and malicious address. In User Complaint box the parameters used are

- User Name

- Email
- Type of Complaint
- Address need to complaint

These are the parameters which are given in the user complaint box and user can only store and view the data or information available in this blockchain. In Admin Complaint box the parameters used are

- Complaint 1
- Complaint 2
- Complaint 3

These are the parameters which are given in the Admin complaint box and Admin can only store and retrieve the data or information. In counsellor page its different where counsellor can view the users type of complaint and give counselling by contacting the user, the parameter that can be viewed by the counsellor are

- User Name
- Email
- Type of complaint

Hybrid Blockchain:

So for this case I recommend using Hybrid Blockchain would be perfect where the details like "Type of complaint and Target address" can be view by all and the sensitive details like name and email can be viewed by Admin and Counsellor.

Permissionless Blockchain:

If suppose the Permissionless Blockchain is applied over here all the data and sensitive information can be viewed by all stakeholders including the other users who logged in.

Permissioned Blockchain:

In Permissioned Blockchain for every data should be requesting from admin and since admin is the head of this blockchain whatever the data he wants he can change it.