Property Records And Registration

(blockchain project in python)

Guide
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Aim:
Digitaliztion the property record and registration system from paper to blockchain.

Objective:

1) Generate unique id for every property.
2) Property ownership can not be
3) No duplicate owners.
4) Benami Registration Elimination.
5) faster property verification leading to faster registration.
6) increase tax collection

Property Registration:

1) liable to challenged in court.
2) there are multiple parties claiming for ownership.
3) Varification process is time consuming.
4) leading a corruption.
5) leading a huge number of cases in court.

1) create login page.
2) user home page
3) registrar home page.
4) admin home page.

Needs and Relevance:

1) if users register the property there are many broker inolved in between to registration . Remove the broker party and we do pay extra charge to any broker.
2) if users register the property first verify that property is exist or not and that property is not register to anyone else it takes a lot of time for all this processes to be done. To reduce this time and keep it intact,thats why we use blockchain.

Significance:

1) Increase the security.
2) it will take less time to verify the property and registration.

Literature Surve:

Current Problem:
  1)Property Registration is a mere record of sales transaction
    a)Liable to be challenged in Court
    b)There could be multiple parties claiming for ownership
    c)Verification process is cumbersome/ time consuming
  2)Ownership could be tampered

a)Leading to huge number of increase in civil cases in courts

3)Benami Registrations

a)Leading to Corruption

b) Leading to tax evasions to exchequer

Plan Of Work:

1) **Unique id (Alpha Numeric) of every property.**

2) **Property detaips on Blockchain.**

a)unique_id

b)Title details

c)property details

d)tax details

e)legal status

f)market price

3)**Connected to all stakeholder**.

a) Buyer

b)seller

c)bank

d)Registration Authority

e)Notary

4) **User Interface:**

a) **Roles:**

I) User,Register,Admin

b) **Status Maintain in BlockChain**

a) Create user

b) Register

c) Sale

c) **UI page:**

Log in page

User Home Page

Admin Home Page

Register Home Page

Workflow

1) **Create multiple users,register,admin**

2) **user1 sell property user2.**

a) user1 login.

b) see his own property list.

c) In blockchain DB, the status of property change from "registered" to "Intend the sale".

d) when registrar compleate the registration (ownership transfer to user1 to user2).

e) In Blockchain DB, the status of property change from "Intend to sale" to "Registered".

f) The property disappear from user1 home page.

g) The property appear in user2 home page.

Biblography

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