

## **Promissory Product Summary**

**Stakeholders:-** Promissory is a product where there are 4 different stakeholders named super admin, property owners, promissory platform and the investors.

Roles of all stakeholders are below:

- Super Admin: This stakeholder will manage all other stakeholders and will do the KYC of property owners and investors. In short, Super admin will manage the user profiles of other 3 stakeholders
- Property Owners: Property owners will list their properties on the platform to get some loan or investment from other stakeholders. Owners will list their property along with the total amount required with the return interest rate for the investors. Property owners then can payback to investors.
- Promissory Platform: Promissory will approve the properties to be listed on the marketplace so that investors can discover them and invest their money in the properties. After approval, promissory will transfer crypto tokens to property owners so that they can send these tokens to investors in exchange for the investment.
- Investors: Investors will view all the listed properties on the platform and will invest their money to earn the interest on their investment. In return, they will get crypto tokens from property owners.

### **User Flows:**

1. Super Admin => Create user along with their types => Manage Users
2. Property Owner => List property on platform along with total amount and interest rate
3. Promissory => Approve listed properties by property owners => Transfer crypto tokens to owners after listing is approved (Question: what will promissory get while transferring crypto tokens to property owners?)
4. Investors => Select a property from listed properties => Invest amount in exchange of crypto tokens
5. Property Owners => Payback to investors (Question: How will they get the crypto tokens back from investors?)

### **Blockchain(Smart Contract) Tasks:**

1. Register a property on smart contract along with details entered by the property owners (while approval from Promissory)
2. Create a getter function to fetch property details
3. Mint tokens for a listed property to the owner's address (Question: same token or different for each property?)
4. Transfer tokens from property owner to investors address in exchange for investment

5. Transfer tokens back from investor to property owner address when payback happens.

**Doubts/Questions:**

1. Question: what will promissory get while transferring crypto tokens to property owners?
2. Question: How will they get the crypto tokens back from investors?
3. Question: same token or different for each property?
4. Question: same token or different for each property?