flow

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**User**

Dapp

**Page 3**

**Quality testing**

Login

Register

**page 2**

**Farmer**

Login

Register

**Page 1**

**Authentication**

User

Farmer

Quality testing

1. Farmer register his details and it will be recorded on blockchain
2. Farmer login and add crops
3. Quality tester verify the quality and set the price of product
4. After approving quality tester the product will display on Dapp
5. User can buy product and pay directly to the farmer without any middle man
6. After product purchase the product will disappear from Dapp

**farmer**

1. When Farmer will register to portal it generate unique id
2. By referring unique id farmer can login to the portal and session is created for farmer
3. After login farmer can add crop and set his price (crop details will be recorded on blockchain and linked with farmer details by referring farmer unique id)

**Quality tester**

1. Quality tester have to register his details and it generate the unique id
2. Quality tester can login by referring unique id and session is created for quality tester
3. After login he set the price on the based on quality and approve the product
4. Product updated price and the details of product is updated to blockchain and also linked the details of Quality tester

**user**

1. User must have metamask plugin
2. He can view the product list
3. He can buy the product from marketplace by paying directly to the farmer
4. After purchasing, the product will be no logger to trade and it will disappear from marketplace