**Description of class**

**1.**   **User:**

A user is a stakeholder to the system. They are generalized as Buyer, who can buy the property .Sellers, who can sell the property, Viewers can view the property.

The attributes and methods involved in this class are:

**Attributes:**

·         **User\_id :** The user id is the unique id that a user will have to be able to be differentiated from the other users.

·         **User\_age :** User age should be greater than 18 to be able to create an account with the system.

·         **User\_name**: User name is a unique name selected by user while creating an account and which is used by users to login the system

·         **Password:** User must select a strong password while creating an account and user will have to provide password while logging in the system.

**Methods:**

·         **Login()** : User must login before performing any kind of transaction

·         **Logout ()**: User must logout before closing the system in order to protect their account from misuse.

·         **Forgot\_pass()**: User can reset their password by answering the security question .

·         **Reg\_account()**:

**2.**   **Buyer**

A user is categorized as buyer. A buyer must login using the valid user name and password .Buyer can view the posting and can communicated with the seller though message.

The attributes and methods involved in this class are:

**Attributes:**

·         **User\_name:** Buyer must login before performing any kind of transaction and in order to login the user must enter correct username.

·         **Password**: User must enter a valid password in order to login and there after perform any kind of transaction.

**Method:**

·         **Buy\_property :** user will call the buy property method which will generate a message to the seller with the buyers details.