**Class Description**

**7.**      **Administrator**

This class exhibits the privileges of an admin. The admin can administer the property postings in the system, also the admin monitors the whole system, in order to do so the admin must login using username as password.

The attributes and methods involved in this class are:

**Attributes**

·         **User\_name:** This is the mandatory field for the admin while logging in the system.

·         **Password:** Admin must enter a valid password while logging in the system.

**Methods**

·         **Reset\_pass :** If the admin forgets or wants to change the password as a security precaution **.**

·         **List\_user :** If the admin wants to see the list of the users in the system

·         **Add\_user** : If the user wants the admin to create an account on behalf of user . Admin can do that using this method**.**

·         **Delete\_user :** If the admin observes a malicious activity by the user . Then admin will delete the account in order to maintain authenticity of the system.

·         **Delete\_prop**: If the admin observes that the property details are not valid or looks fake then admin can delete the property posting.

·         **Add\_prop**: Admin can post if he himself wants to provide some deal or offer.

**8.**      **Property:**

Property class holds all the property details, both User and admin can post property details which comprises Location of the property, Area where the property is located, Status of the deal, Price demanded and type of property

The attributes and methods involved in this class are:

**Attributes**

·         **Location:** while creating the advertisement User/Admin must provide the location.

·         **Area:** It’s a mandatory field while creating a property posting**.**

·         **Status:** There might be some kind communication between the users which may lead to status change of the property to Sold (yes/no).

·         **Price: The** Seller/admin must add the desired price for theproperty so that the buyer can see the price and can accept or negotiate deal.

·         **Property\_type**:  Property can be broadly categorized as commercial and residential.

·         **Property\_id**: property id acts as a primary key to select the particular property that user wants to buy.