**OCL Description for class**

**Commercial:**

The property is categorized as commercial, it is generalized to Property Class so it can inherit all the details related to commercial property.

**Commercial Property types**:

* Office
* Retail
* Hotels
* Land

**Residential:**

Property is broadly categorized as residential which is inherited from property class and will hold the details such as Location, Address, Status, Price for the residential property.

**Residential Property types**:

* Apartments
* Villa
* Houses
* Condos

**Transaction Type:**

The user can perform certain actions on the system, user can sell property, Buy property and Viewer can view postings.

**Attributes:**

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

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

**Buy property**

If the user wants to buy a certain property, I.e buyer accepts the deal .All the attributes of transaction type class will be inherited in buy property class.

**Sell Property**

User can create and post the property offer so that buyers and viewers can view the property and if they want to buy the property then they can contact the seller through message.

**View Property**

User who just wants to view the deals can view the property posting but cannot buy or sell the property without registering or logging in.