



## **Assumptions**

1. There will be only and only one agent for a particular area in the city.
2. Every agent will be allotted with one area. No agent will handle more than one area.
3. An Apartment can be given either for sale or for the rent but not both.
4. If a seller owns more than one apartment then for those apartment he/she will be treated as two different seller (two different seller ids).
5. Apartments that are sold once will not be taken into account again.
6. The buyer can buy or take on rent only one apartment at a time.
7. Apartments that are rented once can be rented again after the availability update by the seller.
8. Sellers will be allowed to update the Apartment type from rent to sale only if the apartment availability is updated.
9. The price provided by the seller for house rent will be monthly.