* 1. The Beautiful House data can be represented in the form of database object(tables) whereas the classes of the objects are the unique defined with its set of attributes. For the given case study the three classes of objects are:

1. Offices: The offices table consists of the following details:
2. Branch\_Number: A unique branch number should be assigned to each branch office.
3. Address: This field consists of the address i.e street, suburb and postcode of every branch office.
4. Telephone\_number: This field will be filled with maximum of 3 numbers for each branch.
5. Manager\_Name: Each branch will be managed by a person and the name of the person will be included.
6. Starting\_Date: The date the manager positioned in the branch.
7. Bonus\_Payment: Include the bonus payment given based on the performance.
8. Staff: The staff table consists of the following details:
9. Staff\_Number: A unique staff number should be assigned to every member.
10. Name: Name of the staff number.
11. Address: Field will be filled with the address of the staff member.
12. Position: The designation of the member whether an agent or supervisor.
13. Salary: The salary of the staff member.
14. Supervisor\_Name: If the staff member is an agent then the Supervisor name will be applicable and should be mentioned.
15. Branch\_Number: To represent the details of the branch where the staff member is working.
16. Property: The property table consists of the following details:
17. Property\_Number: Every property offered by the Beautiful House will be assigned with a unique property number.
18. Address: Address consists of the street, suburb and postcode.
19. Type: Represents the property type.
20. No\_of\_rooms: The number of rooms present in the available and given for rent.
21. Weekly\_Rent: The weekly rent of the given object.
22. Staff Number: The agent handling the property.
    1. There are different kinds of users for database system. Even though all the users need not use the database necessarily. Based on the case study the different kinds of users for the database system are:

DBA: Responsible for the management of overall database. DBA is responsible for defining the instances and defining the schemas etc.