Real Estate DBMS Project
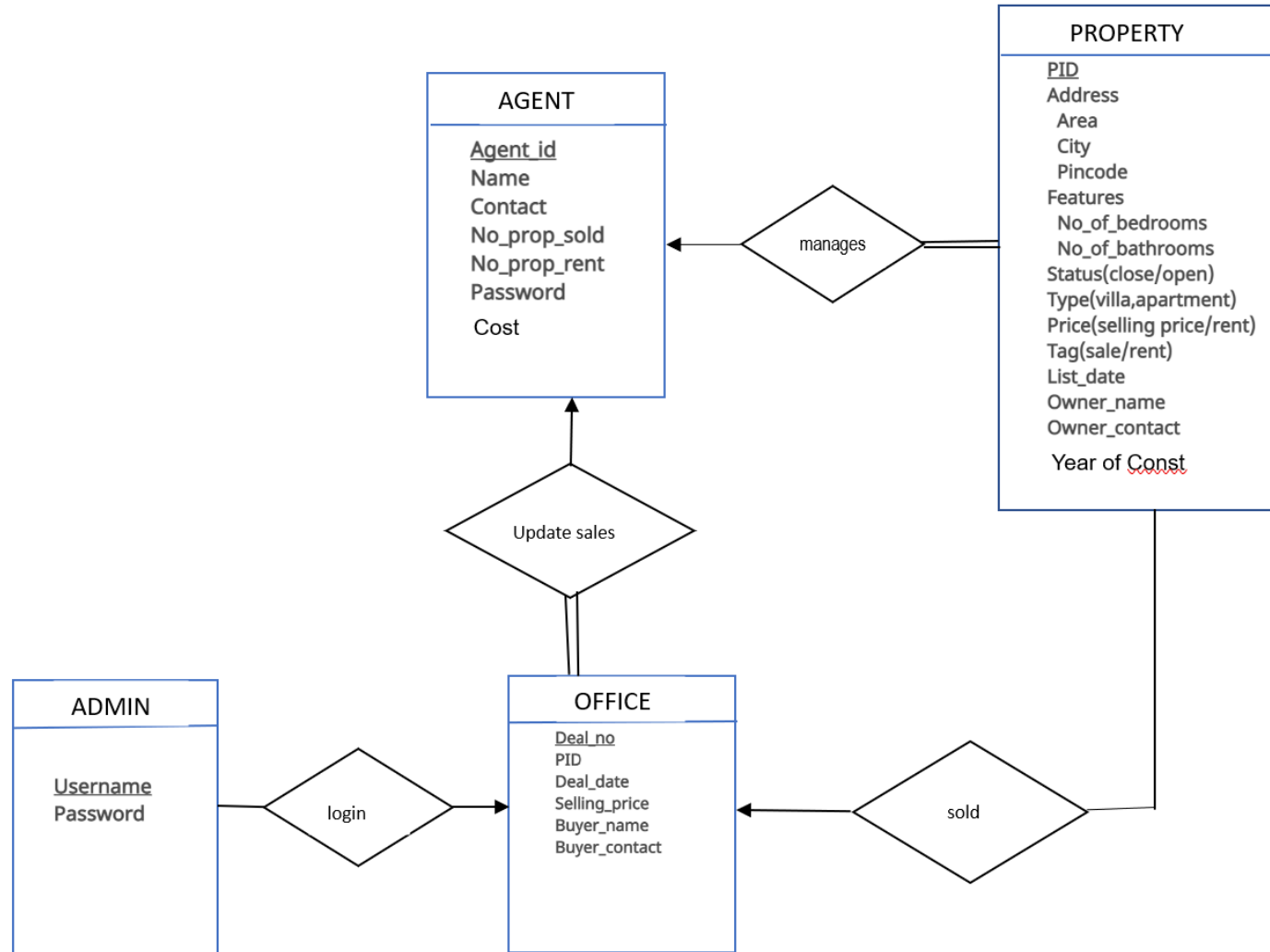
CS 241

Deliverable 1

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ER Diagram

AGENT

Agent_id
Name
Contact
No_prop_sold
No_prop_rent
Password

Cost

PROPERTY

PID
Address
 Area
 City
 Pincode
Features
 No_of_bedrooms
 No_of_bathrooms
Status(close/open)
Type(villa,apartment)
Price(selling price/rent)
Tag(sale/rent)
List_date
Owner_name
Owner_contact

Year of Const

manages

Update sales

ADMIN

Username
Password

login

OFFICE

Deal_no
PID
Deal_date
Selling_price
Buyer_name
Buyer_contact

sold

Assumptions for our database design:

1. Every property must be associated with an agent.

2. A property can either be for rent or sale but not both.

3. Sales are updated only when a successful deal is made.

4. Only one agent can manage a property.

5. Only agent can list/manage property.

6. Each buyer is associated with an agent to buy/see the property.

7. A property is owned/purchased by a single person(No partnership).

8. To decrease the conflict between buyers and sellers,searched property can be viewed as available or not.