## E-R DIAGRAM OF REAL ESTATE OFFICE MANAGEMENT SYSTEM

## **SELLER** SID: INT PASSWORD: **VARCHAR** SNAME: **VARCHAR PROPERTY** CONTACT: **NUMERIC** PID: INT HOUSE NO: INT STREET: **VARCHAR** AREA: **VARCHAR** AREA\_SQFT: **NUMERIC** PINCODE: **NUMERIC** AVAIL: **BOOLEAN** MARKET\_IN: **DATE OWNS** RENT\_PRICE: INT SELL\_PRICE: INT NO\_BEDROOMS: INT BUILD\_YEAR: INT IS\_SOLD: **BOOLEAN** IS\_RENTED: **BOOLEAN SELLS ADMIN** VARCHAR **USERNAME**: **BUYS** PASSWORD: **VARCHAR AGENT** AGENT ID: INT **BUYER** PASSWORD: INT AGENT\_NAME: **VARCHAR** BID: INT CONTACT NO: **NUMERIC** PASSWORD: **VARCHAR** AREA: **VARCHAR** BNAME: **VARCHAR RATING: NUMERIC** CONTACT: **NUMERIC** NO\_RENTED: INT AREA: **VARCHAR** NO\_SOLD: INT **BUDGET:** INT RENTAL\_SALES: INT SOLD SALES: INT BASE\_COMMISSION: INT

## **RELATIONAL MODEL:**

Buys (bid, pid, year\_sold, market\_out) -> buyer(bid) & property(pid)

Sells (agent id, pid)

Owns (sid, pid, current\_owner) -> seller(bid) & property(pid) **ADMIN SELLER USERNAME:** PASSWORD: SID: PASSWORD: SNAME: CONTACT: **PROPERTY** PID: HOUSE\_NO: STREET: AREA: **SELLS** AREA\_SQFT: PINCODE: PID AVAIL: **OWNS** AGENT ID MARKET\_IN: RENT\_PRICE: SID SELL\_PRICE: <u>PID</u> NO\_BEDROOMS: CURRENT OWNER BUILD\_YEAR: IS\_SOLD: IS\_RENTED: **AGENT** AGENT ID: PASSWORD: **BUYER BUYS** ANAME: CONTACT\_NO: BID: A\_AREA: BID PASSWORD: PID RATING: BNAME: NO\_RENTED: YEAR\_SOLD CONTACT: MARKET\_OUT NO\_SOLD: AREA: RENTAL\_SALES: BUDGET: SOLD\_SALES: BASE\_COMMISSION:

-> agent(agent\_id) & property(pid)