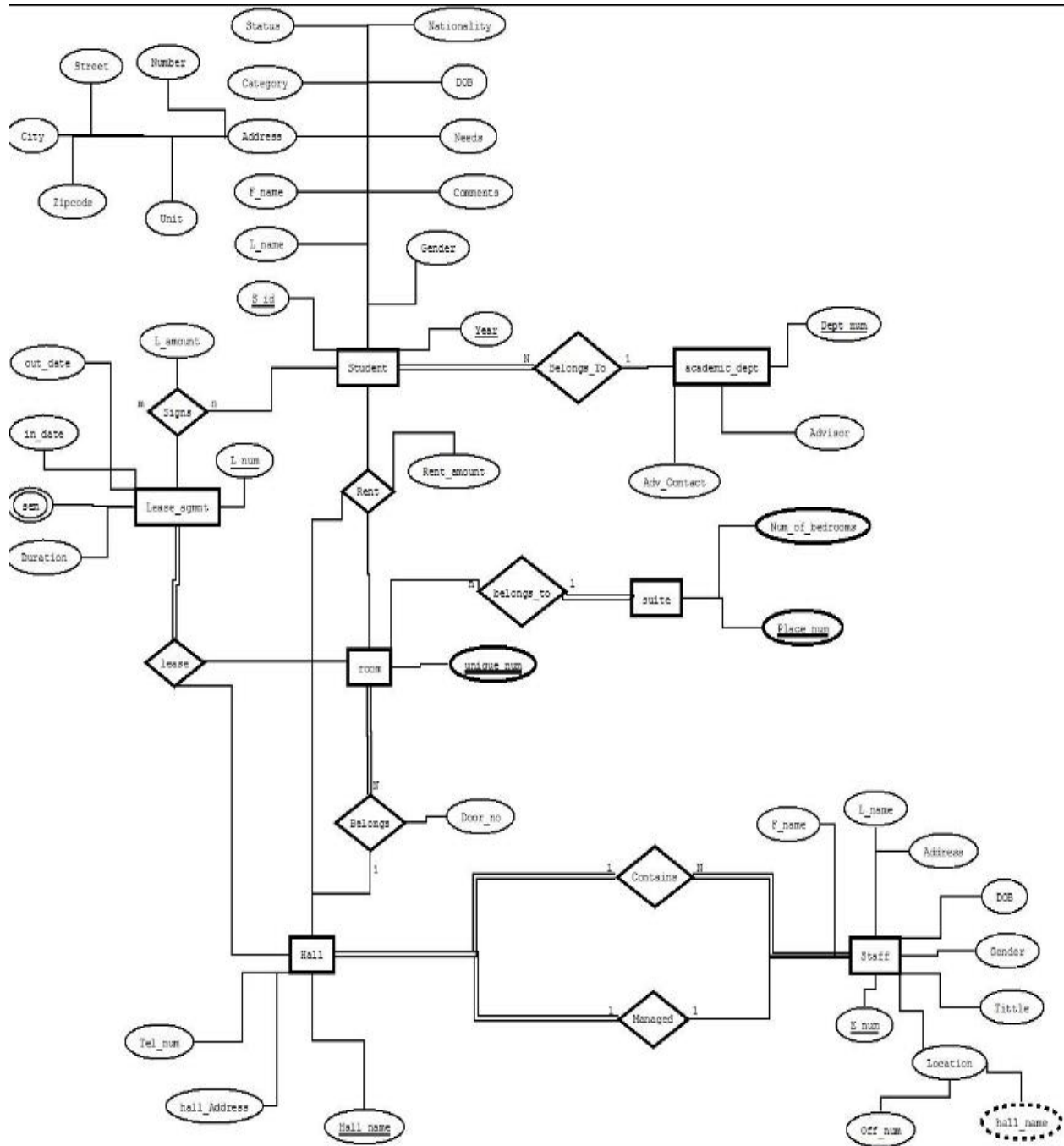


# FINAL PROJECT

SIMHADRI PAVAN,  
AITHA VENKATA SAI DEEPAK

ER diagram



## FORWARD ENGINEERING-

STUDENT [S\_id, L\_name, F\_name, Gender, Dob, Nationality, Category, Needs, Comments, Status, number, street, city, state, zipcode, unit, **Dept\_no**]

ACADEMIC\_DEPT [ **dept\_no**, Advisor, Adv\_contact]

LEASE\_AGREEMENT [l\_num, duration, l\_amount , **S\_id**]

SEM [l\_num, **sem**]

SUITE [**place\_num**, num\_of\_bedrooms]

ROOM [ unique\_num, door\_no, **place\_num**, **Hall\_name** ]

STAFF [ E\_num, f\_name, l\_name, address, DOB, Gender, tittle, off\_num, **Hall\_name** ]

HALL [**Hall\_name**, tel\_num, hall\_address, **E\_num**]

LEASE [**Hall\_name**, **unique\_num**, **L\_num** ]

RENT [**S\_id**, **unique\_num**, **Hall\_name** ]

- **Dept\_no** is F.K to ACADEMIC\_DEPT
- **S\_id** is F.K to STUDENT
- **l\_num** is F.K to LEASE\_AGREEMENT
- **place\_num** is F.K to SUITE
- **Hall\_name** is F.K to HALL
- **E\_num** is F.K to STAFF
- **unique\_num** is F.K to ROOM

### Assumptions:

### Entity & Attributes:

1. Lease agreement contains the lease amount attribute.

### Relations:

1. Student sign multiple lease agreement
2. Lease agreement can be signed by many students
3. Every hall has a manager
4. Employee can be a manager only for a single hall
5. Every staff member must work in a single hall
6. Every hall has at least one staff member.

**Miscellaneous:**

1. Lease amount and rent amount are different for the room.

**LOG:**

NAME	TIME	LOCATION	DURATION	ACTION ITEM	TOTAL HOURS
SIMHADRI PAVAN, AITHA VENKATA SAI DEEPAK	19:00, Oct 13	HOME	2.30 HRS	FORWARD ENGINEERING	3 HR
SIMHADRI PAVAN, AITHA VENKATA SAI DEEPAK	12.30, Oct 13	CLASS	1 HR	DISCUSSION AND EXCHANGE OF IDEAS	1HR
SIMHADRI PAVAN	22.00, Oct 11	HOME	15 MINS	ASSUMPTIONS	15 MINS
SIMHADRI PAVAN	22.15, Oct 11	HOME	1HR 45 MIN	DIA	1HR 45 MIN
AITHA VENKATA SAI DEEPAK	17.00, Oct 10	HOME	3	REQUIREMENTS MAPPING TO ER MODEL	3HR