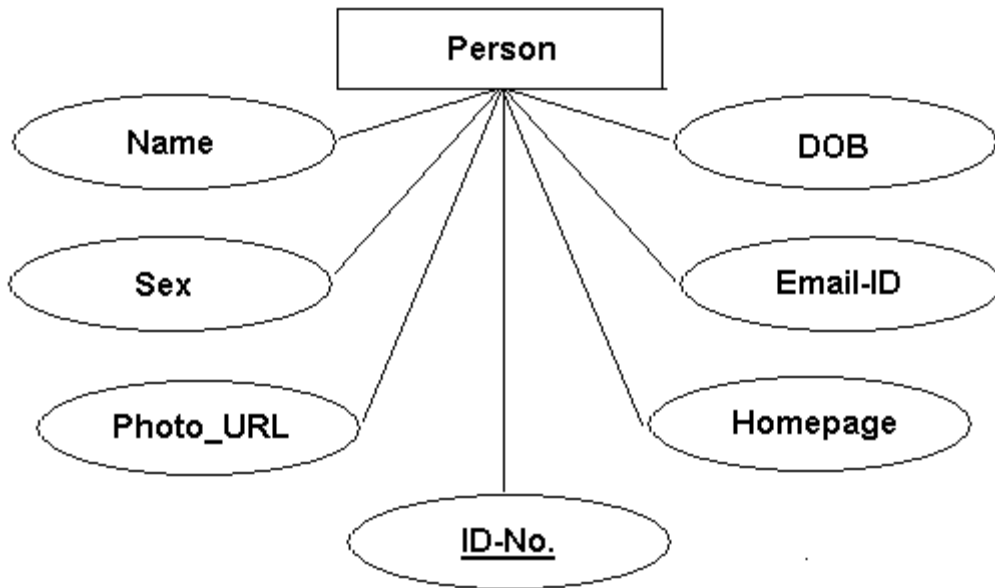
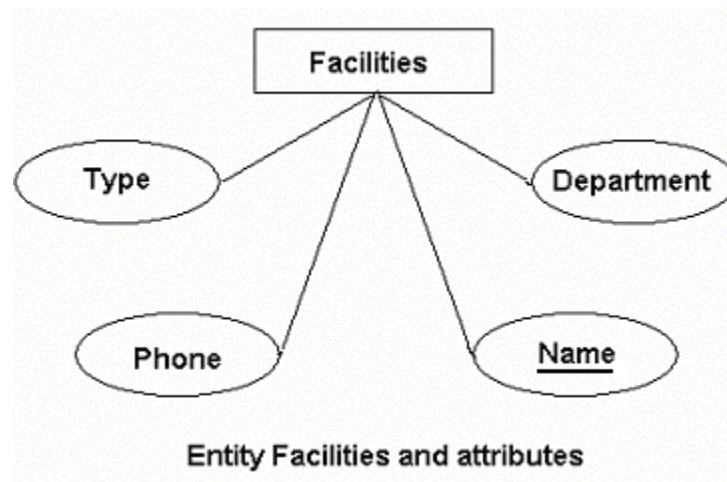


3. Information Description

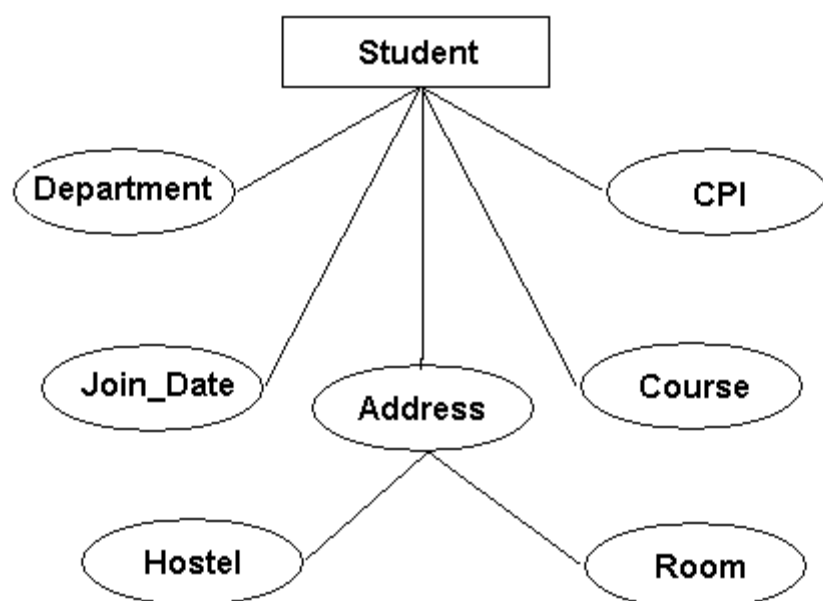
3.1 Entities and Relationships



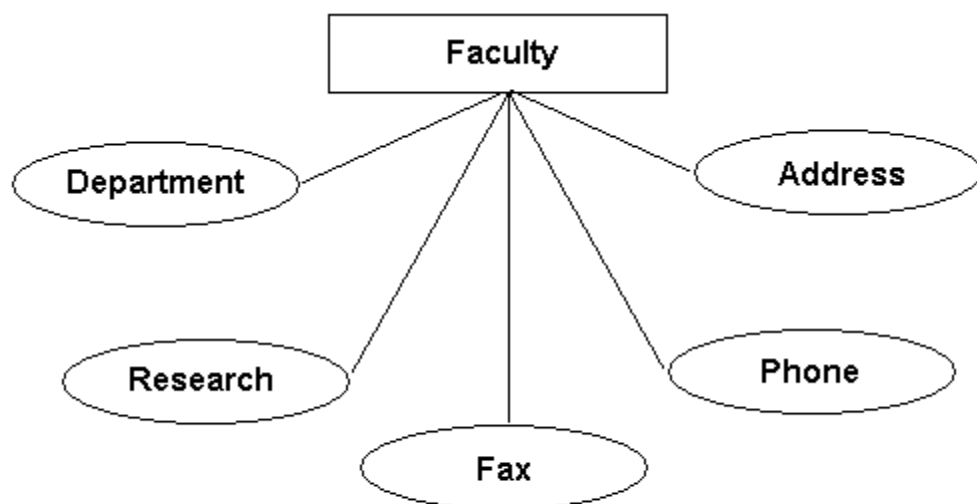
Entity Person and attributes



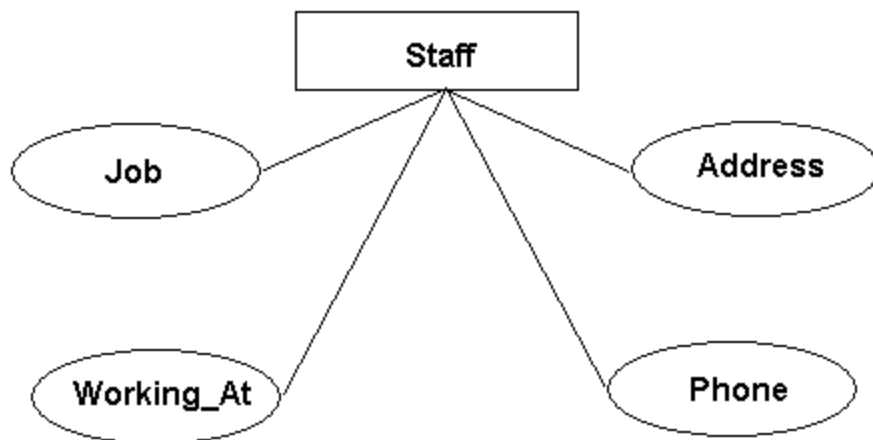
Entity Facilities and attributes



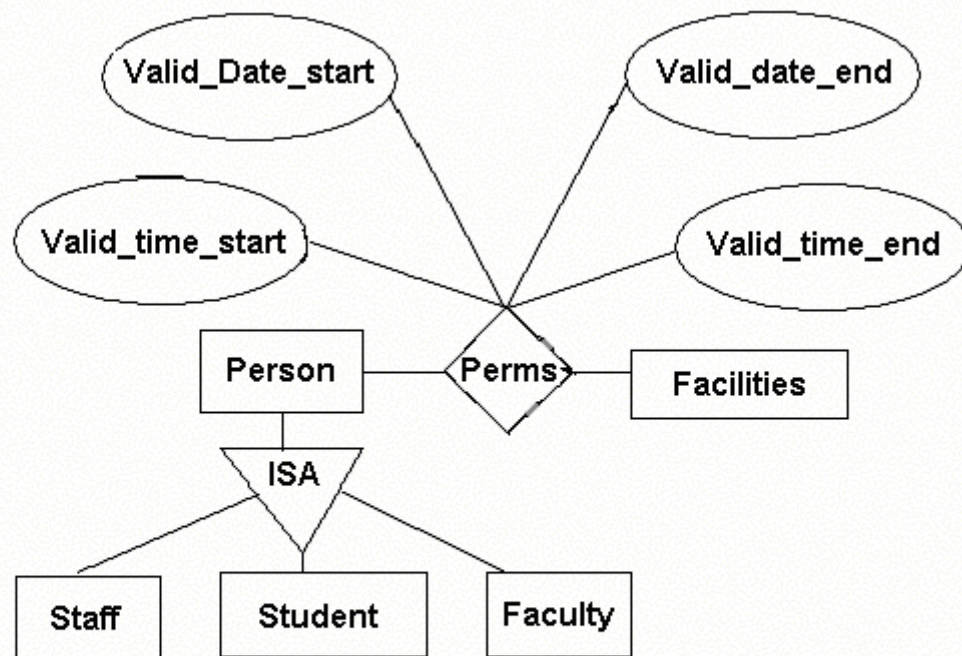
Entity Student and attributes



Entity Faculty and attributes



Entity Staff and attributes



Relation Perms between Person and Facilities

3.2 Data Dictionary

1. Person

ID_No.	character(8)	Primary Key	Identification number
Name	Varchar(20)	Not null	Name of the person
Sex	character(1)	M/F	Gender of the person
Email_ID	Varchar(30)	-	Email address
Photo_URL	Varchar(30)	-	URL of the photo
DOB	Date	Not null	Date of Birth

2. Faculty

ID_No.	character(8)	Primary Key	Identification number
Department	Varchar(10)	Not null	Department
Phone	Varchar(10)	-	Phone number
Fax	Varchar(10)	-	Fax number
Address	Varchar(30)	Not null	Address as a string
Research	Varchar(30)	Not null	Field of research

3. Student

ID_No.	character(8)	Primary Key	Identification number
Department	Varchar(10)	Not null	Department
Hostel	Varchar(5)	Not null	Hostel number
Room	Varchar(3)	Not null	Room number
Course	Varchar(10)	Not null	BTech/MTech etc.
Join_Date	Date	Not null	Joining date
CPI	Numeric(3,2)	Not null	Student's CPI

4. Staff

ID_No	Character(8)	Primary Key	Identification number
Working_At	Varchar(20)	Not null	Working place
phone	Varchar(10)	-	Phone number
Job	Varchar(10)	Not null	Work as
Address	Varchar(30)	Not null	Address

5. Facilities

Name	varchar(30)	Primary Key	Laboratories/ Class rooms
Department	varchar(10)	Not null	Department
Phone	varchar(10)	Not null	Phone number
type	vachar(10)	Not null	Lab / Classroom / Seminar hall etc.

6. Perms

ID_No.	character(8)	Not null	ID_No of person
Name	varchar(30)	Not null	Name of the lab
Valid_date_start	date	Not null	Starting date for perms
Valid_date_end	date	Not null	Ending date for perms
Valid_time_start	time	Not null	Starting time of day for perms
Valid_time_end	time	Not null	Ending time of day for perms