WEEK4 - SQL Constraints, Views, Truncate, delete and update operations.

## **Problem Statement:**

- Create tables for the below mentioned Relational design and add check, default, not null and unique constraints.
  10 marks
  - PK and FK constraints for all applicable Relations
  - For Fname, Lname in employee add not null constraints and relationship in dependent should be not null and by default add parent as the relationship value
  - Add defult constraint for project name
  - Dname and dnumber should be unique
  - Add check constraints to BDATE in employee and dependent table (born before 1985)

## **EMPLOYEE** Fname Minit Lname <u>Ssn</u> Bdate Address Sex Salary Super\_ssn Dno DEPARTMENT Dname **Dnumber** Mgr\_ssn Mgr\_start\_date DEPT\_LOCATIONS <u>Dnumber</u> Dlocation **PROJECT** Pname Pnumber Plocation Dnum WORKS ON Essn Pno Hours DEPENDENT

Relationship

2. Perform the following operations on the table

Dependent\_name

4\*5 = 20 marks

a. Drop and truncate

Essn

- b. Create views and Drop views
- c. Create user and grant and revoke privileges on the table
  - i. Grant select for emp table for user 1
  - ii. Grant alter privileges on department table for user 2.
  - iii. Grant all privileges on all the table for user 3

Sex

Bdate

- iv. Grant alter ,delete, update on dependent and project table for user4
- d. Using alter table commands add column, delete column