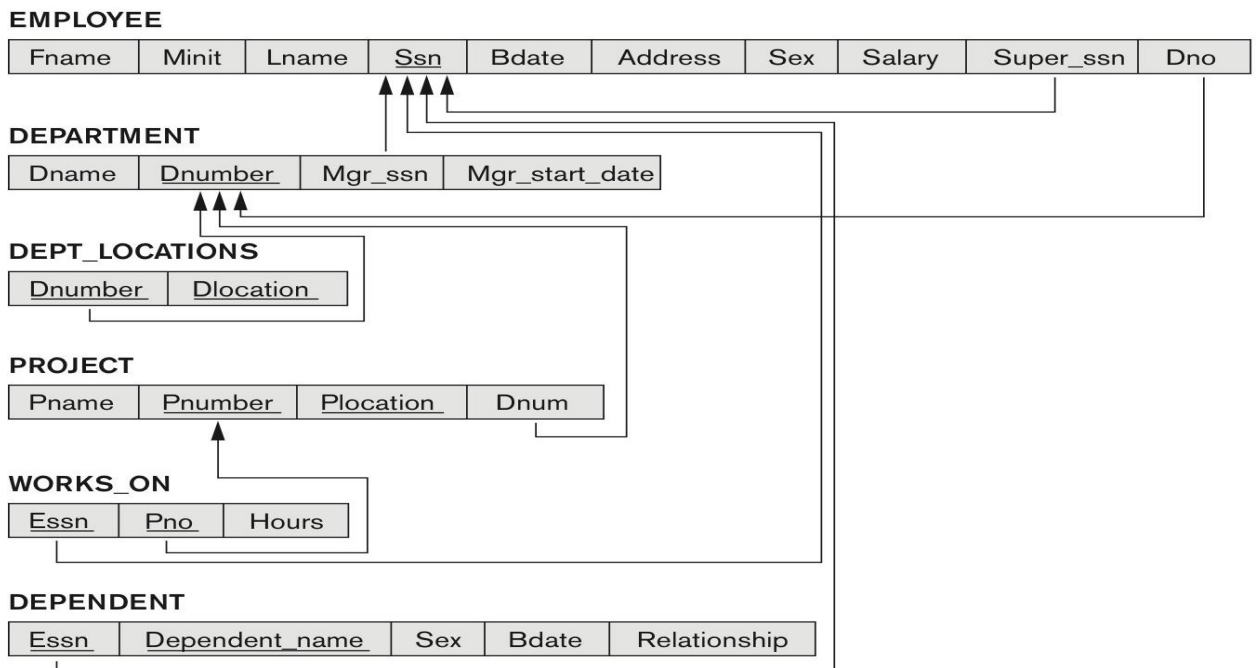


WEEK4 - SQL Constraints , Views , Truncate , delete and update operations.

Problem Statement:

1. 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 default constraint for project name**
- **Dname** and **dnumber** should **be unique**
- Add check constraints to BDATE in employee and dependent table (born before 1985)



2. Perform the following operations on the table 4*5 = 20 marks
 - a. Drop and truncate
 - 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
 - iv. Grant alter ,delete, update on dependent and project table for user4
 - d. Using alter table commands add column , delete column

