**Company Database(SQL)**

Create Table Employee(

Fname Varchar(10) Not Null,

Mname Varchar(10)Not Null,

Lname Varchar(10) NOt Null,

Ssn Int,

Bdate Date,

Address Varchar(10),

Sex Varchar(10),

Salary Int,

Dno Int,

Super\_ssn Int,

Primary Key (Ssn)

);

Alter Table Employee

Add Foreign Key (Dno) References Department(Dnumber);

Create Table Department(

Dname Varchar(10),

Dnumber Int Unique,

Mrg\_ssn Int,

Mrg\_start\_date Date,

Primary Key (Dnumber),

Foreign Key (Mrg\_ssn) References Employee(Ssn)

);

Create Table Dept\_Locations(

Dnumber Int Unique,

Dlocation Varchar(20) Unique

);

Alter Table Dept\_Locations

Add Primary Key (Dnumber),

Add Foreign Key (Dnumber) References Department(Dnumber)

Create Table Project(

Pname Varchar(20),

Pnumber Int,

Plocation Varchar(20),

Dnum Int

);

Alter Table Project

Add Primary Key (Pnumber),

Add Foreign Key (Dnum) References Department(Dnumber),

Create Table Works\_on(

Essn Int,

Pno Int,

Hours Int

);

Alter Table Works\_on

Add Primary Key (Essn,Pno),

Add Foreign Key (Essn) References Employee (Ssn),

Add Foreign Key (Pno) References Project (Pnumber);

Create Table Dependent(

Essn Int,

Dependent\_name Varchar(20),

Sex Varchar(10),

Bdate Date,

Relationship Varchar(10)

);

Alter Table Dependent

Add Primary Key (Essn,Dependent\_name),

Add Foreign Key (Essn) References Employee(Ssn);