

This is the initial creation of a database project using Microsoft SQL Server 2005. This database is for a small chain of restaurants, with hopes of expansion. There are locations in Lubbock, Amarillo, Midland and Post. There are four managers, two at each location. Each location has both full time and part time employees. The sole purpose of our DBMS is to keep track of employee information.

The basic idea behind our DBMS is connecting employees with the locations they work at and the managers they work for. The fulltime and part time employees share a one to one relationship with managers because each employee has just one manager. The locations share a one to many relationship with managers because there is one location to every two managers.

```
CREATE TABLE LOCATION(
```

```

    Location          Char (15)          NOT NULL,
    LocationID        Int                NOT NULL IDENTITY (1, 1),

    CONSTRAINT        LOCATION_PK          PRIMARY KEY(LocationID)
```

```
);
```

```
CREATE TABLE MANAGER(
```

```

    ManagerID         Int                NOT NULL IDENTITY (1,
1),
    LastName           Char (35)          NOT NULL,
    FirstName          Char (35)          NOT NULL,
    Phone              Char (12)           NOT NULL,
    Email              VarChar (100)   NOT NULL,
    Birthday           DateTime           NOT NULL,
    LocationID         Int                NOT NULL,

    CONSTRAINT         MANAGER_PK          PRIMARY KEY(ManagerID),
    CONSTRAINT         MANG_LOCATION_FK   FOREIGN KEY(LocationID)
```

```
REFERENCES
```

```
LOCATION(LocationID)
```

CASCADE
ON UPDATE

CASCADE
ON DELETE

);

CREATE TABLE FEMPLOYEES(

 FTEmployeeID Int NOT NULL IDENTITY (1000, 1),

 LastName Char (35) NOT NULL,

 FirstName Char (35) NOT NULL,

 Phone Char (12) NOT NULL,

 Email VarChar (100) NOT NULL,

 Birthday DateTime NOT NULL,

 ManagerID Int NOT NULL,

 CONSTRAINT FEMPLOYEE_PK PRIMARY KEY(FTEmployeeID),

 CONSTRAINT FTEMP_MANAGER_FK FOREIGN KEY(ManagerID)

REFERENCES

MANAGER(ManagerID)

ON UPDATE

CASCADE

ON DELETE

CASCADE

);

CREATE TABLE PEMPLOYEES(

 PEmployeeID Int NOT NULL IDENTITY (2000, 1),

 LastName Char (35) NOT NULL,

