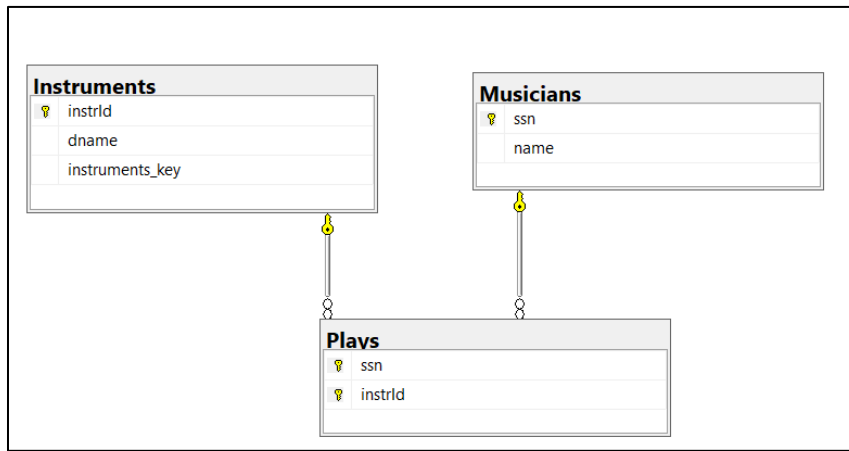## LAB05_ASSIGNMENT (Upload the solution to the CATs by your ID)

Consider the need to store a company data. Use the E-R diagram in below for this company data.

Instruments
- instrId
- dname
- instruments_key

Musicians
- ssn
- name

Plays
- ssn
- instrId

PROCEDURE 1: Write SQL statements to create the relationships that correspond to the entity sets and relationship sets considering all the constraints in the given E-R diagram (50 Points).

PROCEDURE 2: Write the SQL statements (50 Points).

- Write an SQL statement to add 'Harun Tekin' with ssn= 105 and 'Teoman' with ssn=106 as musicians.

- Write an SQL statement to add 'Piano' with instrId=001, intstruments_key=1 and 'Guitar' with instrId=002, intstruments_key=0 as instruments.

- Write an SQL statement to add 'Piano' and 'Guitar' for 'Teoman' and 'Guitar' for 'Harun Tekin' as Plays.

- Write the SQL statement that lists the musician's name and the instrument name this musician can play.

- Write an SQL statement to delete the 'Harun Tekin' Musician. Given the referential integrity constraints you chose for this schema, explain what happens when this statement is executed.

***Please upload your queries with .sql extensions. Otherwise, I will not accept your solution.

Note: I will have a Zero-Tolerance approach to cheating. If you copy from another's scripts or allow someone to send same assignment, I will give zero grade to those who posted the same assignment**.