

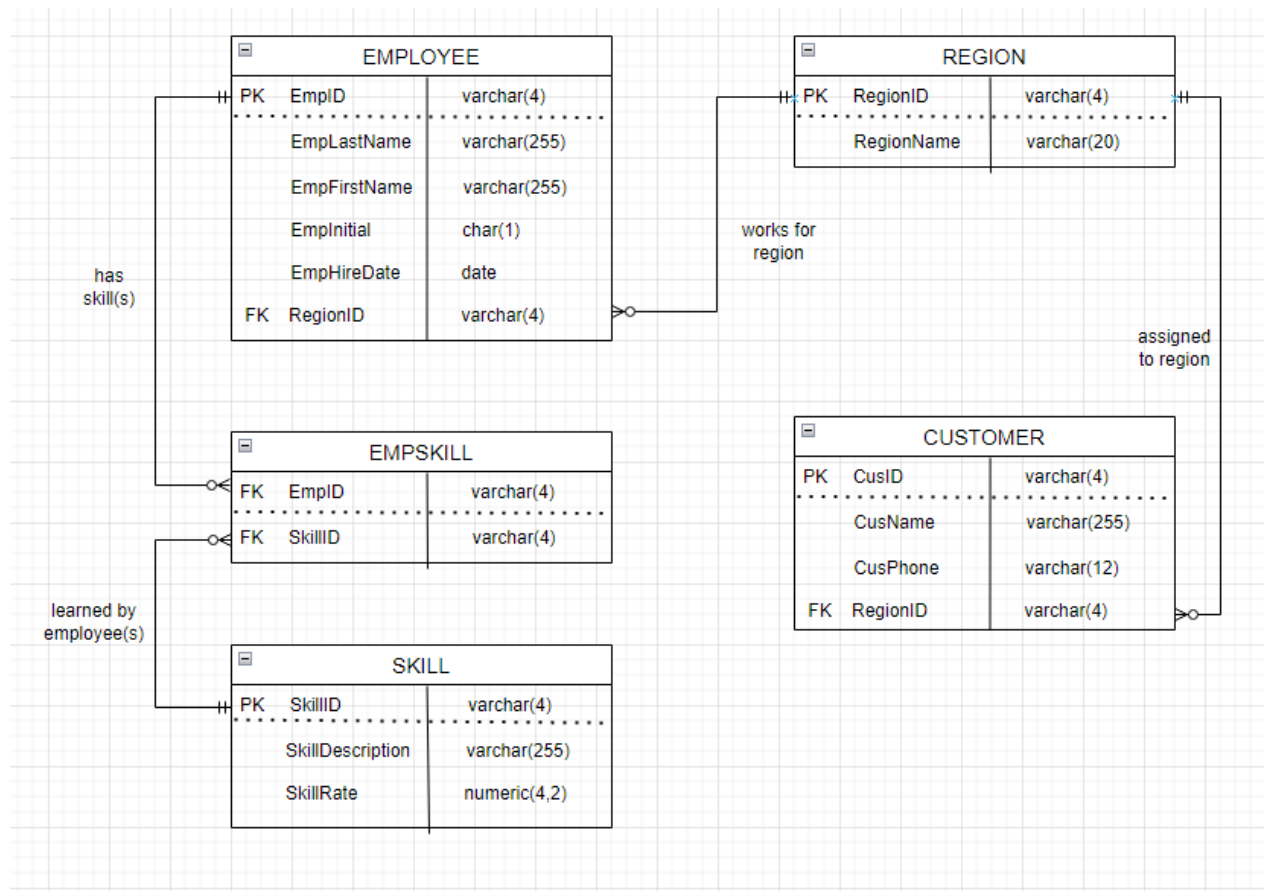
MIS582 Database Concepts

Final Course Project

Module 8

Professor: Dr Nana Liu

1. ERD diagram



2.b. Create Tables (Employee, EmpSkill, Skill, Region, and Customer) and Insert Data

```
CREATE TABLE REGION (  
    RegionID VARCHAR(4) NOT NULL PRIMARY KEY,  
    RegionName VARCHAR(20) NOT NULL);
```

```
CREATE TABLE EMPLOYEE (  
    EmpID VARCHAR(4) NOT NULL PRIMARY KEY,  
    EmpLastName VARCHAR(255) NOT NULL,  
    EmpFirstName VARCHAR(255) NOT NULL,  
    EmpInitial CHAR,  
    EmpHireDate DATE NOT NULL,  
    RegionID VARCHAR(4) NOT NULL,  
    FOREIGN KEY(RegionID) REFERENCES REGION(RegionID));
```

```
CREATE TABLE SKILL (  
    SkillID VARCHAR(4) NOT NULL PRIMARY KEY,
```