```
CREATE TABLE Project
(ProjectID          VARCHAR(15),
ProjectName         VARCHAR(25),
Location            VARCHAR(25),
CONSTRAINT      PK_Project_ProjectID PRIMARY KEY(ProjectID));




CREATE TABLE Assignment
(ProjectID          VARCHAR(15),
EmployeeID          VARCHAR(15),
AssignTime          DECIMAL(2, 2),
CONSTRAINT      PK_Assignment_ProjectID_EmployeeID PRIMARY KEY(ProjectID, EmployeeID),
CONSTRAINT      FK_Assignment_ProjectID FOREIGN KEY(ProjectID)
        REFERENCES Project(ProjectID) ON DELETE CASCADE ON UPDATE CASCADE,
CONSTRAINT      FK_Assignment_EmployeeID FOREIGN KEY(EmployeeID)
        REFERENCES Employee(EmployeeID) ON DELETE CASCADE ON UPDATE CASCADE,
CONSTRAINT      CK_Assignment_AssignTime CHECK (AssignTime < 40));




CREATE TABLE Employee
(EmployeeID         VARCHAR(15),
FirstName           VARCHAR(15),
Address             VARCHAR(30),
Type                VARCHAR(20),
HireDate            DATETIME,
MarriageDate        DATETIME,
SpouseName          VARCHAR(15),
CONSTRAINT      PK_Employee_EmployeeID PRIMARY KEY(EmployeeID),
CONSTRAINT      FK_Employee_SpouseName FOREIGN KEY(SpouseName)
        REFERENCES Employee(EmployeeID) ON DELETE CASCADE ON UPDATE
CASCADE));
```

```
CREATE TABLE Faculty
(EmployeeID       VARCHAR(15),
AcademicRank      INTEGER,
CONSTRAINT    PK_Faculty_EmployeeID PRIMARY KEY(EmployeeID),
CONSTRAINT    FK_Faculty_EmployeeID FOREIGN KEY(EmployeeID)
      REFERENCES Employee(EmployeeID) ON DELETE CASCADE ON UPDATE
CASCADE));




CREATE TABLE Staff
(EmployeeID       VARCHAR(15),
JobTitle          VARCHAR(15),
CONSTRAINT    PK_Staff_EmployeeID PRIMARY KEY(EmployeeID),
CONSTRAINT    FK_Staff_EmployeeID FOREIGN KEY(EmployeeID)
      REFERENCES Employee(EmployeeID) ON DELETE CASCADE ON UPDATE
CASCADE));
```

Assumptions

-   The assigned time column under the assignment table is given the decimal data
    type to represent the total hours and minutes the employee was given to work on
    their project.
-   The type column under the employee table is given the varchar data type to
    represent whether the employee is a type of manager, worker, mentor, or intern.