



# DDL SCRIPTS

## Team ID – T302

**CREATE SCHEMA** JOB\_SEEKER\_AND\_HIRING\_COMPANY\_MANAGEMENT\_SYSTEM  
**SET SEARCH\_PATH TO** JOB\_SEEKER\_AND\_HIRING\_COMPANY\_MANAGEMENT\_SYSTEM

**CREATE TABLE Users**

```
(  
    U_Id int PRIMARY KEY,  
    F_Name varchar(30) DEFAULT NULL,  
    M_Name varchar(30) DEFAULT NULL,  
    L_Name varchar(30) DEFAULT NULL,  
    U_Email varchar(30) DEFAULT NULL,  
    U_Phone varchar(15) DEFAULT NULL,  
    Age int DEFAULT NULL,  
    Linkedin_pro_link varchar(100) DEFAULT NULL,  
    PIN int NOT NULL,  
    FOREIGN KEY (PIN) REFERENCES Users_Address(PIN) ON DELETE  
    SET NULL ON UPDATE CASCADE  
);
```

**CREATE TABLE Users\_Address**

```
(  
    PIN int PRIMARY KEY,  
    Address_Line1 varchar(100) DEFAULT NULL,  
    Address_Line2 varchar(100) DEFAULT NULL,  
    City varchar(15) DEFAULT NULL,  
    State varchar(15) DEFAULT NULL,  
    Country varchar(15) DEFAULT NULL  
);
```

**CREATE TABLE Skills**

```
(  
    U_Id int NOT NULL,  
    Skill_Name varchar(50) NOT NULL,  
    FOREIGN KEY (U_Id) REFERENCES Users(U_Id) ON DELETE CASCADE  
    ON UPDATE CASCADE  
);
```

**CREATE TABLE Project**

```
(  
    U_Id int NOT NULL,  
    Proj_Name varchar(100) NOT NULL,  
    Proj_Link varchar(100) DEFAULT NULL,  
    Description varchar(500) DEFAULT NULL,  
    PRIMARY KEY (U_Id,Proj_Name),  
    FOREIGN KEY (U_Id) REFERENCES Users(U_Id) ON DELETE SET NULL  
    ON UPDATE CASCADE  
);
```

**CREATE TABLE Achievement**

```
(  
    U_Id int NOT NULL,  
    Title varchar(50) NOT NULL,  
    Description varchar(250) DEFAULT NULL,  
    PRIMARY KEY (U_Id , Title),  
    FOREIGN KEY (U_Id) REFERENCES Users(U_Id) ON DELETE SET NULL  
    ON UPDATE CASCADE  
);
```

**CREATE TABLE Experience**

```
(  
    U_Id int NOT NULL,  
    Title varchar(50) NOT NULL,  
    Description varchar(250) DEFAULT NULL,  
    Company varchar(50) NOT NULL,  
    Location varchar(100) DEFAULT NULL,  
    Start_date date DEFAULT NULL,  
    End_date date DEFAULT NULL,  
    PRIMARY KEY (U_Id,Title,Company),  
    FOREIGN KEY (U_Id) REFERENCES Users(U_Id) ON DELETE SET NULL  
    ON UPDATE CASCADE  
);
```

**CREATE TABLE Education**

```
(  
    U_Id int NOT NULL,  
    Institute_Name varchar(100) DEFAULT NULL,  
    Degree varchar(100) NOT NULL,  
    Description varchar(500) DEFAULT NULL,  
    Grade decimal(5,2) DEFAULT NULL,  
    Total_Grade decimal(5,2) DEFAULT NULL,  
    Start_date date DEFAULT NULL,  
    End_date date DEFAULT NULL,  
    PRIMARY KEY (U_Id,Degree),  
    FOREIGN KEY (U_Id) REFERENCES Users(U_Id) ON DELETE SET NULL  
    ON UPDATE CASCADE  
);
```

**CREATE TABLE Company**

```
(  
    C_Id int PRIMARY KEY,  
    C_Name varchar(100) DEFAULT NULL,  
    C_Manager varchar(100) DEFAULT NULL,  
    C_Description varchar(500) DEFAULT NULL,  
    C_Web_link varchar(100) DEFAULT NULL  
);
```

**CREATE TABLE Company\_Email**

```
(  
    C_Id int NOT NULL,  
    C_Email varchar(100) DEFAULT NULL,  
    PRIMARY KEY (C_Id,C_Email),  
    FOREIGN KEY (C_Id) REFERENCES Company(C_Id) ON DELETE SET  
    NULL ON UPDATE CASCADE  
);
```

**CREATE TABLE Company\_Phone**

```
(  
    C_Id int NOT NULL,  
    C_Phone varchar(15) DEFAULT NULL,  
    PRIMARY KEY (C_Id,C_Phone),  
    FOREIGN KEY (C_Id) REFERENCES Company(C_Id) ON DELETE SET  
    NULL ON UPDATE CASCADE  
);
```

**CREATE TABLE Job\_opening**

```
(  
    C_Id int NOT NULL,  
    Job_Roll varchar(100) NOT NULL,  
    Job_Quality varchar(100) NOT NULL,  
    Requirment int DEFAULT NULL,  
    Appli_Deadline date DEFAULT NULL,  
    Location varchar(100) NOT NULL,  
    Status varchar(20) DEFAULT 'OPEN',  
    Salary decimal DEFAULT NULL,  
    PRIMARY KEY (C_Id,Location,Job_Quality,Job_Roll),  
    FOREIGN KEY (C_Id) REFERENCES Company(C_Id) ON DELETE SET  
    NULL ON UPDATE CASCADE  
);
```

**CREATE TABLE Application**

**(**

U\_Id int NOT NULL,

C\_Id int NOT NULL,

Job\_Title varchar(100) DEFAULT NULL,

Status varchar(20) DEFAULT 'PENDING',

**PRIMARY KEY (U\_Id,C\_Id),**

**FOREIGN KEY (U\_Id) REFERENCES Users(U\_Id) ON DELETE SET**

**NULL ON UPDATE CASCADE,**

**FOREIGN KEY (C\_Id) REFERENCES Company(C\_Id) ON DELETE SET**

**NULL ON UPDATE CASCADE**

**);**

**Thank You**