

DDL SCRIPT

```
CREATE SCHEMA JobRecruitmentSystem;  
SET SEARCH_PATH TO JobRecruitmentSystem;
```

```
create table Candidate(  
    C_No varchar(20) primary key,  
    f_Name varchar(20) not null ,  
    l_Name varchar(20) not null,  
    unique_Identity varchar(50) not null,  
    Experience int not null,  
    Currently_Employed varchar(30) not null,  
    City varchar(20) not null,  
    State varchar(20) not null,  
    Country varchar(20) not null,  
    Postal_Code int not null,  
    Contact_No bigint not null,  
    EMail varchar(50) not null,  
    Age int not null,  
    Gender varchar(20) not null,  
    Resume varchar not null,  
    branchid varchar(5) not null  
);  
  
create table Position(  
    P_Name varchar(50) primary key,  
    Experience int not null,
```

```
Approval_Status varchar(20) not null,  
Job_Description varchar(50) not null,  
Approximate_Salary numeric not null,  
Hiring_Manager varchar(20) not null,  
Status varchar(50) not null,  
Degree varchar(20) not null,  
Major varchar(20) not null  
);
```

```
create table New_Job_Application(  
    App_No varchar(20),  
    C_No varchar(20),  
    Stage int,  
    P_Name varchar(50),  
    Status varchar(30) not null ,  
    AppliedDate date not null  
    NextInterviewDate date not null,  
    Primary key(App_No,Stage,C_No,P_Name),  
    foreign key (P_Name) references Position(P_Name) ON DELETE SET  
DEFAULT ON UPDATE CASCADE,  
    foreign key (C_No) references Candidate(C_No) ON DELETE SET DEFAULT  
ON UPDATE CASCADE  
);
```

```
create table Review(  

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```
Review_ID varchar(5) primary key,  
rating int not null,  
Reviews varchar(100) not null,  
App_No varchar(20) not null,  
C_No varchar(20) not null,  
Stage int not null,  
P_Name varchar(50) not null,  
Interviewer_No varchar(20) not null,  
Date Date not null,  
  
foreign key (P_Name, App_No,C_No,Stage) references  
New_Job_Application(P_Name, App_No,C_No,Stage) ON DELETE SET DEFAULT  
ON UPDATE CASCADE,  
  
foreign key (Interviewer_No) references Interviewer(Interviewer_No)  
ON DELETE SET DEFAULT ON UPDATE CASCADE  
);
```

```
create table Technical(  
  
P_Name varchar(50) primary key,  
  
foreign key (P_Name) references Position(P_Name) ON DELETE SET  
DEFAULT ON UPDATE CASCADE  
  
);
```

```
create table TechnicalSkill1(  
  
P_Name varchar(50),  
  
Operating_System varchar(100),
```

```
        Primary key(P_Name,Operating_System),  
        foreign key (P_Name) references Technical(P_Name) ON DELETE SET  
DEFAULT ON UPDATE CASCADE
```

```
);
```

```
create table TechnicalSkill2(  
        P_Name varchar(50),  
        Programming_Language varchar(100) ,  
        Primary key(P_Name,Programming_Language),  
        foreign key (P_Name) references Technical(P_Name) ON DELETE SET  
DEFAULT ON UPDATE CASCADE
```

```
);
```

```
create table NonTechnical(  
        P_Name varchar(50),  
        NonTechnical_Skills varchar(100),  
        Primary key(P_Name,NonTechnical_Skills),  
        foreign key (P_Name) references Position(P_Name) ON DELETE SET  
DEFAULT ON UPDATE CASCADE
```

```
);
```

```
create table Location(  
        Lid varchar(5),  
        City varchar(50) ,
```

```

        State varchar(50) ,
        Country varchar(50) ,
        Primary key(Lid)
    );

create table LocatedAt(
    P_Name varchar(50) ,
    Lid varchar(5),
    vacancy int not null,
    Primary key(Lid,P_Name),
    foreign key (P_Name) references Position(P_Name) ON DELETE SET
DEFAULT ON UPDATE CASCADE,
    foreign key (Lid) references Location(Lid) ON DELETE SET DEFAULT ON
UPDATE CASCADE

);

```

```

create table Education(
    C_No varchar(20),
    Degree      varchar(20),
    Major varchar(50) ,
    Institute_Name  varchar(100) not null,
    Year  Int not null,
    Primary key(C_No,Degree,Major),

    foreign key (C_No) references Candidate(C_No) ON DELETE SET DEFAULT
ON UPDATE CASCADE

);

```

```
create table candidateExpertisedArea(  
    C_No varchar(20) ,  
    ExpertisedArea varchar(50) ,  
    Primary key(C_No,ExpertisedArea),  
  
    foreign key (C_No) references Candidate(C_No) ON DELETE SET DEFAULT  
ON UPDATE CASCADE  
);
```

```
create table Interviewer(  
    Interviewer_No varchar(20) primary key,  
    Interviewer_Name varchar(20) not null  
);
```

```
create table Interviews_For(  
    P_name    varchar(50) ,  
    Interviewer_No varchar(20),
```

```
Primary key(P_name,Interviewer_No),  
foreign key (P_Name) references Position(P_Name) ON DELETE SET  
DEFAULT ON UPDATE CASCADE,  
foreign key (Interviewer_No) references Interviewer(Interviewer_No)  
ON DELETE SET DEFAULT ON UPDATE CASCADE  
  
);
```