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Online Recruitment Project

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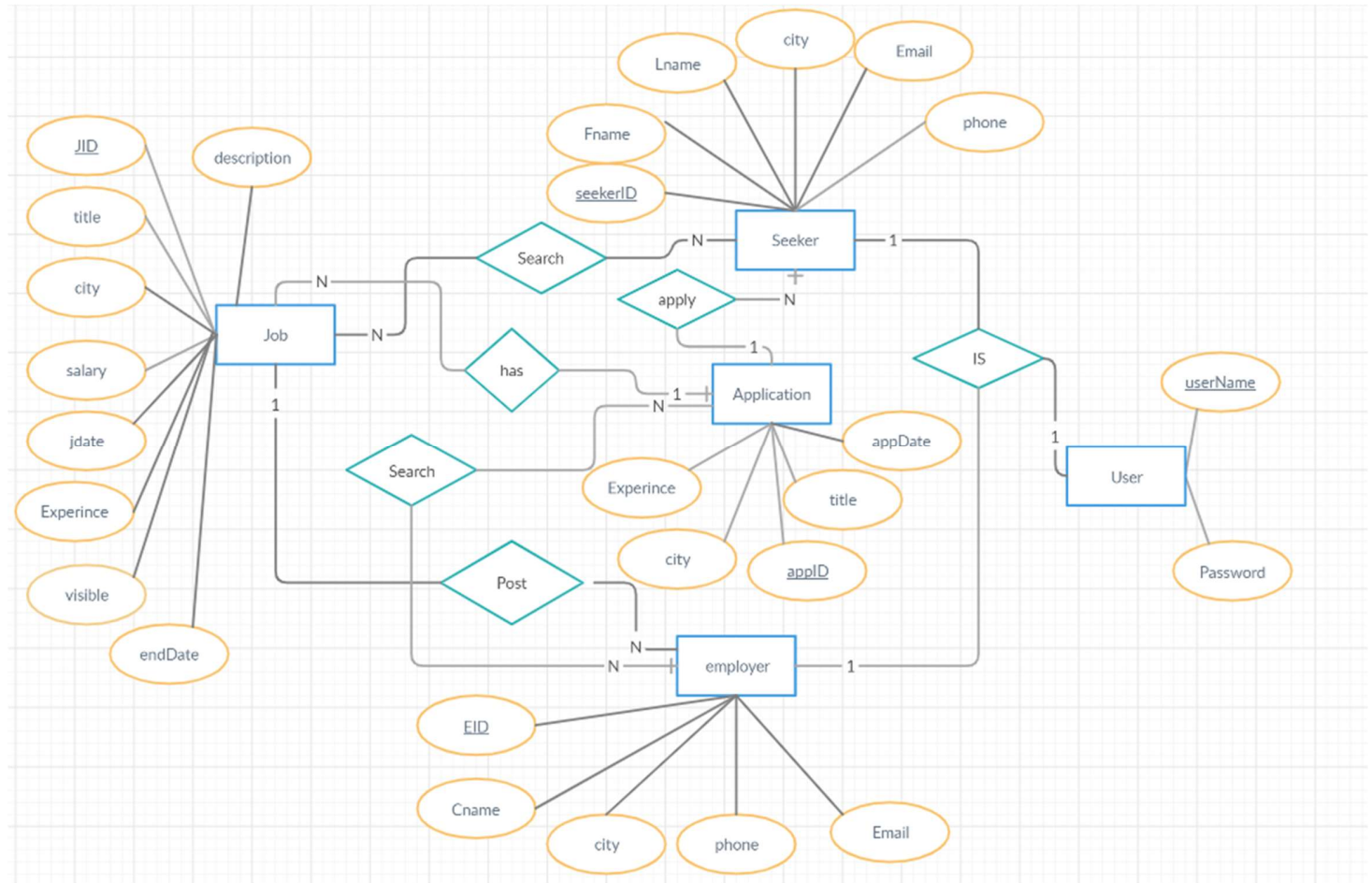
Summary

In this part we will put all snapshots for each table in the data base and

1. Conceptual Model (ERD)

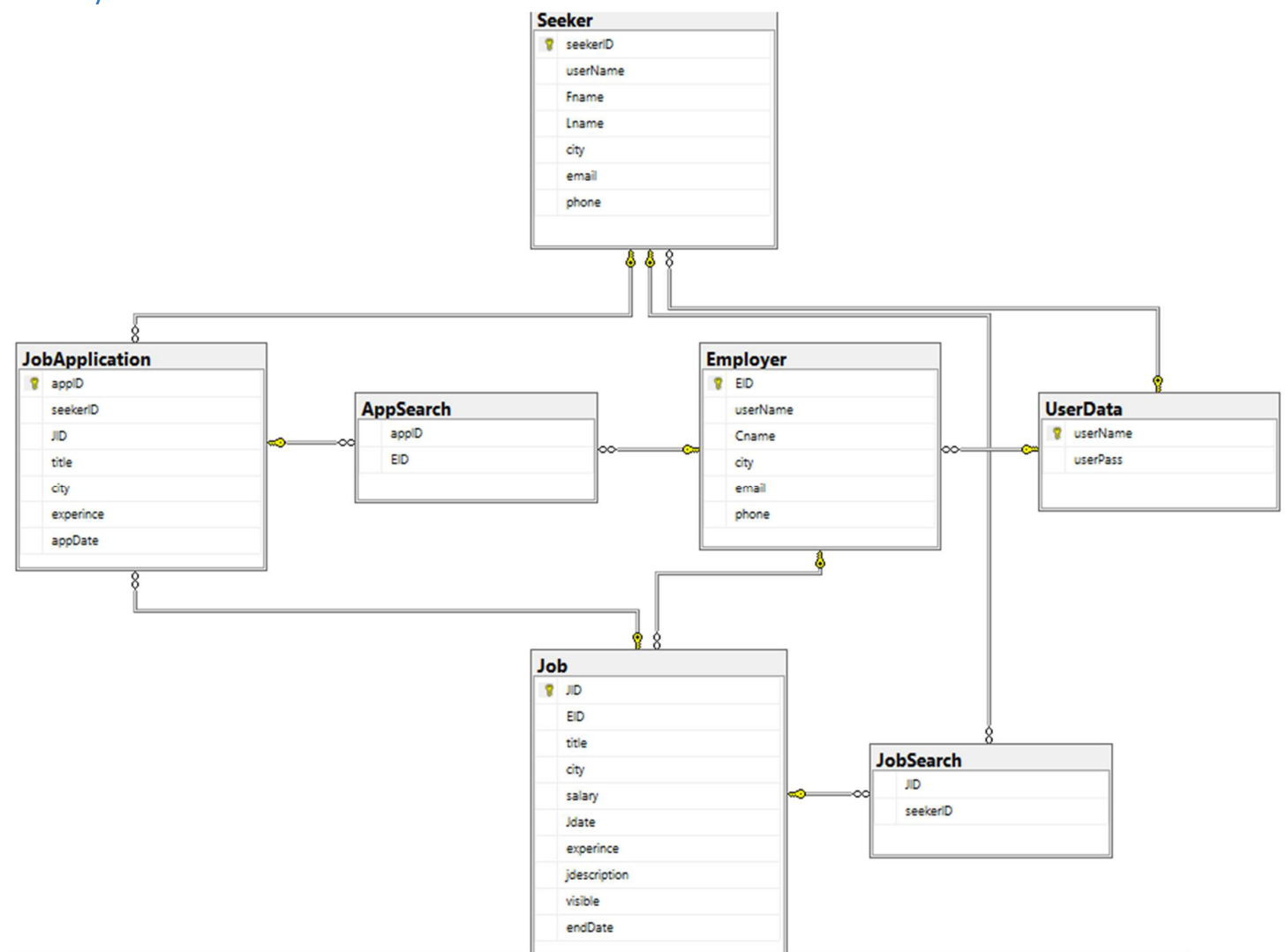
2. Physical model

1. Conceptual Model (ERD)



The Entity User was created to make each user name is unique

2. Physical model



Table's data

Users

select*from UserData

100 %

Results Messages

	userName	userPass
1	ahmed11	ahmed11
2	ahmed12	ahmed11
3	ahmed13	ahmed11
4	ahmed14	ahmed11
5	ahmed15	ahmed11
6	ahmed16	ahmed11
7	ahmed17	ahmed11
8	ahmed18	ahmed11
9	ahmed19	ahmed11
10	ahmed20	ahmed11
11	seeker 1	seeker 1
12	seeker 10	seeker 1
13	seeker 2	seeker 1
14	seeker 3	seeker 1
15	seeker 4	seeker 1
16	seeker 5	seeker 1
17	seeker 6	seeker 1
18	seeker 7	seeker 1
19	seeker 8	seeker 1
20	seeker 9	seeker 1

Employer

select*from Employer

100 %

Results Messages

	EID	userName	Cname	city	email	phone
1	1	ahmed11	company11	NULL	NULL	NULL
2	2	ahmed12	company12	NULL	NULL	NULL
3	3	ahmed13	company13	NULL	NULL	NULL
4	4	ahmed14	company14	NULL	NULL	NULL
5	5	ahmed15	company15	NULL	NULL	NULL
6	6	ahmed16	company16	NULL	NULL	NULL
7	7	ahmed17	company17	NULL	NULL	NULL
8	8	ahmed18	company18	NULL	NULL	NULL
9	9	ahmed19	company19	NULL	NULL	NULL
10	10	ahmed20	company20	NULL	NULL	NULL

Seekers

select*from Seeker

100 %

Results Messages

	seekerID	userName	Fname	Lname	city	email	phone
1	2	seeker1	mahmoud1	mohamed1	NULL	NULL	NULL
2	3	seeker2	mahmoud2	mohamed2	NULL	NULL	NULL
3	4	seeker3	mahmoud3	mohamed3	NULL	NULL	NULL
4	5	seeker4	mahmoud4	mohamed4	NULL	NULL	NULL
5	6	seeker5	mahmoud5	mohamed5	NULL	NULL	NULL
6	7	seeker6	mahmoud6	mohamed6	NULL	NULL	NULL
7	8	seeker7	mahmoud7	mohamed7	NULL	NULL	NULL
8	9	seeker8	mahmoud8	mohamed8	NULL	NULL	NULL
9	10	seeker9	mahmoud9	mohamed9	NULL	NULL	NULL
10	11	seeker10	mahmoud10	mohamed10	NULL	NULL	NULL

Job application

select*from JobApplication

100 %

Results Messages

	appID	seekerID	JID	title	city	experince	appDate
1	1	2	1	job11	cairo	1 years	2020-04-16
2	2	3	1	job11	cairo	2 years	2020-04-16
3	3	4	1	job11	cairo	3 years	2020-04-16
4	4	5	1	job11	cairo	1 years	2020-04-16
5	5	6	1	job11	cairo	3 years	2020-04-16
6	6	7	1	job11	cairo	2 years	2020-04-16
7	7	8	1	job11	cairo	5 years	2020-04-16
8	8	9	1	job11	cairo	6 years	2020-04-16
9	9	10	1	job11	cairo	3 years	2020-04-16
10	10	11	1	job11	cairo	4 years	2020-04-16
11	11	2	6	job21	cairo	1 years	2020-03-16
12	12	3	6	job21	cairo	2 years	2020-03-16
13	13	4	6	job21	cairo	3 years	2020-04-01
14	14	5	6	job21	cairo	1 years	2020-04-01
15	15	6	6	job21	cairo	3 years	2020-04-01

Job

First 25

select*from Job										
.00 %										
Results Messages										
	JID	EID	title	city	salary	Jdate	experince	jdescription	visible	endDate
1	1	1	job11	cairo	NULL	2020-04-11	1 years	NULL	1	NULL
2	2	1	job12	cairo	NULL	2020-04-11	2 years	NULL	1	NULL
3	3	1	job13	cairo	NULL	2020-04-11	3 years	NULL	1	NULL
4	4	1	job14	cairo	NULL	2020-04-11	4 years	NULL	1	NULL
5	5	1	job15	cairo	NULL	2020-04-11	5 years	NULL	1	NULL
6	6	2	job21	cairo	NULL	2020-03-11	1 years	NULL	1	NULL
7	7	2	job22	cairo	NULL	2020-03-11	2 years	NULL	1	NULL
8	8	2	job23	cairo	NULL	2020-03-11	3 years	NULL	1	NULL
9	9	2	job24	cairo	NULL	2020-03-11	4 years	NULL	1	NULL
10	10	2	job25	cairo	NULL	2020-03-11	5 years	NULL	1	NULL
11	11	3	job31	cairo	NULL	2019-03-01	1 years	NULL	1	NULL
12	12	3	job32	cairo	NULL	2019-03-11	2 years	NULL	1	NULL
13	13	3	job33	cairo	NULL	2019-04-15	3 years	NULL	1	NULL
14	14	3	job34	cairo	NULL	2019-04-16	4 years	NULL	1	NULL
15	15	3	job35	cairo	NULL	2019-04-18	5 years	NULL	1	NULL
16	16	4	job41	cairo	NULL	2019-03-01	1 years	NULL	1	NULL
17	17	4	job42	cairo	NULL	2019-04-11	2 years	NULL	1	NULL
18	18	4	job43	cairo	NULL	2019-04-15	3 years	NULL	1	NULL
19	19	4	job44	cairo	NULL	2019-04-16	4 years	NULL	1	NULL
20	20	4	job45	cairo	NULL	2019-02-18	5 years	NULL	1	NULL
21	21	5	job51	cairo	NULL	2019-02-01	1 years	NULL	1	NULL
22	22	5	job52	cairo	NULL	2019-04-11	2 years	NULL	1	NULL
23	23	5	job53	cairo	NULL	2019-04-15	3 years	NULL	1	NULL
24	24	5	job54	cairo	NULL	2019-03-16	4 years	NULL	1	NULL
25	25	5	job55	cairo	NULL	2019-03-18	5 years	NULL	1	NULL

Second 25

	JID	EID	title	city	salary	Jdate	experince	jdescription	visible	endDate
26	26	6	job61	cairo	NULL	2019-03-01	1 years	NULL	1	NULL
27	27	6	job62	cairo	NULL	2019-03-11	2 years	NULL	1	NULL
28	28	6	job63	cairo	NULL	2019-04-15	3 years	NULL	1	NULL
29	29	6	job64	cairo	NULL	2019-04-16	4 years	NULL	1	NULL
30	30	6	job65	cairo	NULL	2019-03-18	5 years	NULL	1	NULL
31	31	7	job71	cairo	NULL	2019-03-01	1 years	NULL	1	NULL
32	32	7	job72	cairo	NULL	2019-04-11	2 years	NULL	1	NULL
33	33	7	job73	cairo	NULL	2019-04-15	3 years	NULL	1	NULL
34	34	7	job74	cairo	NULL	2019-03-16	4 years	NULL	1	NULL
35	35	7	job75	cairo	NULL	2019-03-18	5 years	NULL	1	NULL
36	36	8	job81	cairo	NULL	2019-04-01	1 years	NULL	1	NULL
37	37	8	job82	cairo	NULL	2019-04-11	2 years	NULL	1	NULL
38	38	8	job83	cairo	NULL	2019-04-15	3 years	NULL	1	NULL
39	39	8	job84	cairo	NULL	2019-04-16	4 years	NULL	1	NULL
40	40	8	job85	cairo	NULL	2019-03-18	5 years	NULL	1	NULL
41	41	9	job91	cairo	NULL	2019-03-01	1 years	NULL	1	NULL
42	42	9	job92	cairo	NULL	2019-03-11	2 years	NULL	1	NULL
43	43	9	job93	cairo	NULL	2019-03-15	3 years	NULL	1	NULL
44	44	9	job94	cairo	NULL	2019-03-16	4 years	NULL	1	NULL
45	45	9	job95	cairo	NULL	2019-03-18	5 years	NULL	1	NULL
46	46	10	job...	cairo	NULL	2019-03-01	1 years	NULL	1	NULL
47	47	10	job...	cairo	NULL	2019-03-11	2 years	NULL	1	NULL
48	48	10	job...	cairo	NULL	2019-03-15	3 years	NULL	1	NULL
49	49	10	job...	cairo	NULL	2019-03-16	4 years	NULL	1	NULL
50	50	10	job...	cairo	NULL	2019-03-18	5 years	NULL	1	NULL

SQL generated script

SE [master]

GO

/***** Object: Database [Recruitmen] Script Date: 08/06/2020 03:19:10 ص *****/

CREATE DATABASE [Recruitmen]

CONTAINMENT = NONE

ON PRIMARY

(NAME = N'Recruitmen', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL15.SQLEXPRESS\MSSQL\DATA\Recruitmen.mdf' , SIZE = 8192KB , MAXSIZE = UNLIMITED, FILEGROWTH = 65536KB)

LOG ON


```
( NAME = N'Recruitmen_log', FILENAME = N'C:\Program Files\Microsoft SQL
Server\MSSQL15.SQLEXPRESS\MSSQL\DATA\Recruitmen_log.ldf' , SIZE = 8192KB , MAXSIZE =
2048GB , FILEGROWTH = 65536KB )
```

```
WITH CATALOG_COLLATION = DATABASE_DEFAULT
```

```
GO
```

```
ALTER DATABASE [Recruitmen] SET COMPATIBILITY_LEVEL = 150
```

```
GO
```

```
IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))
```

```
begin
```

```
EXEC [Recruitmen].[dbo].[sp_fulltext_database] @action = 'enable'
```

```
end
```

```
GO
```

```
ALTER DATABASE [Recruitmen] SET ANSI_NULL_DEFAULT OFF
```

```
GO
```

```
ALTER DATABASE [Recruitmen] SET ANSI_NULLS OFF
```

```
GO
```

```
ALTER DATABASE [Recruitmen] SET ANSI_PADDING OFF
```

```
GO
```

```
ALTER DATABASE [Recruitmen] SET ANSI_WARNINGS OFF
```

```
GO
```

```
ALTER DATABASE [Recruitmen] SET ARITHABORT OFF
```

```
GO
```

```
ALTER DATABASE [Recruitmen] SET AUTO_CLOSE ON
```

```
GO
```

```
ALTER DATABASE [Recruitmen] SET AUTO_SHRINK OFF
```

```
GO
```

```
ALTER DATABASE [Recruitmen] SET AUTO_UPDATE_STATISTICS ON
```

```
GO
```

ALTER DATABASE [Recruitmen] SET CURSOR_CLOSE_ON_COMMIT OFF

GO

ALTER DATABASE [Recruitmen] SET CURSOR_DEFAULT GLOBAL

GO

ALTER DATABASE [Recruitmen] SET CONCAT_NULL_YIELDS_NULL OFF

GO

ALTER DATABASE [Recruitmen] SET NUMERIC_ROUNDABORT OFF

GO

ALTER DATABASE [Recruitmen] SET QUOTED_IDENTIFIER OFF

GO

ALTER DATABASE [Recruitmen] SET RECURSIVE_TRIGGERS OFF

GO

ALTER DATABASE [Recruitmen] SET ENABLE_BROKER

GO

ALTER DATABASE [Recruitmen] SET AUTO_UPDATE_STATISTICS_ASYNC OFF

GO

ALTER DATABASE [Recruitmen] SET DATE_CORRELATION_OPTIMIZATION OFF

GO

ALTER DATABASE [Recruitmen] SET TRUSTWORTHY OFF

GO

ALTER DATABASE [Recruitmen] SET ALLOW_SNAPSHOT_ISOLATION OFF

GO

ALTER DATABASE [Recruitmen] SET PARAMETERIZATION SIMPLE

GO

ALTER DATABASE [Recruitmen] SET READ_COMMITTED_SNAPSHOT OFF

GO

ALTER DATABASE [Recruitmen] SET HONOR_BROKER_PRIORITY OFF

GO

ALTER DATABASE [Recruitmen] SET RECOVERY SIMPLE

GO

ALTER DATABASE [Recruitmen] SET MULTI_USER

GO

ALTER DATABASE [Recruitmen] SET PAGE_VERIFY CHECKSUM

GO

ALTER DATABASE [Recruitmen] SET DB_CHAINING OFF

GO

ALTER DATABASE [Recruitmen] SET FILESTREAM(NON_TRANSACTED_ACCESS = OFF)

GO

ALTER DATABASE [Recruitmen] SET TARGET_RECOVERY_TIME = 60 SECONDS

GO

ALTER DATABASE [Recruitmen] SET DELAYED_DURABILITY = DISABLED

GO

ALTER DATABASE [Recruitmen] SET QUERY_STORE = OFF

GO

USE [Recruitmen]

GO

/***** Object: Table [dbo].[AppSearch] Script Date: 08/06/2020 03:19:10 ص *****/

SET ANSI_NULLS ON

GO

SET QUOTED_IDENTIFIER ON

GO

CREATE TABLE [dbo].[AppSearch](

[appID] [int] NULL,

[EID] [int] NULL

) ON [PRIMARY]

GO

/***** Object: Table [dbo].[Employer] Script Date: 08/06/2020 03:19:10 ص *****/

SET ANSI_NULLS ON

GO

SET QUOTED_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Employer](

[EID] [int] IDENTITY(1,1) NOT NULL,

[userName] [varchar](250) NULL,

[Cname] [varchar](50) NULL,

[city] [varchar](50) NULL,

[email] [varchar](120) NULL,

[phone] [varchar](11) NULL,

PRIMARY KEY CLUSTERED

(

[EID] ASC

)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

/***** Object: Table [dbo].[Job] Script Date: 08/06/2020 03:19:10 ص *****/

SET ANSI_NULLS ON

GO

SET QUOTED_IDENTIFIER ON

GO

CREATE TABLE [dbo].[Job](

```
[JID] [int] IDENTITY(1,1) NOT NULL,  
[EID] [int] NULL,  
[title] [varchar](50) NULL,  
[city] [varchar](50) NULL,  
[salary] [int] NULL,  
[Jdate] [date] NULL,  
[experince] [varchar](100) NULL,  
[jdescription] [varchar](600) NULL,  
[visible] [bit] NULL,  
[endDate] [date] NULL,
```

PRIMARY KEY CLUSTERED

(

[JID] ASC

)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY =
OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

/***** Object: Table [dbo].[JobApplication] Script Date: 08/06/2020 03:19:10 ص *****/

SET ANSI_NULLS ON

GO

SET QUOTED_IDENTIFIER ON

GO

```
CREATE TABLE [dbo].[JobApplication](  
    [appID] [int] IDENTITY(1,1) NOT NULL,  
    [seekerID] [int] NULL,  
    [JID] [int] NULL,  
    [title] [varchar](50) NULL,
```

```

        [city] [varchar](50) NULL,
        [experince] [varchar](100) NULL,
        [appDate] [date] NULL,
PRIMARY KEY CLUSTERED
(
        [appID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF,
ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY =
OFF) ON [PRIMARY]
GO

/***** Object: Table [dbo].[JobSearch]  Script Date: 08/06/2020 03:19:10 ص *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[JobSearch](
        [JID] [int] NULL,
        [seekerID] [int] NULL
) ON [PRIMARY]
GO

/***** Object: Table [dbo].[Seeker]  Script Date: 08/06/2020 03:19:10 ص *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
CREATE TABLE [dbo].[Seeker](
        [seekerID] [int] IDENTITY(1,1) NOT NULL,

```

[userName] [varchar](250) NULL,

[Fname] [varchar](50) NULL,

[Lname] [varchar](50) NULL,

[city] [varchar](50) NULL,

[email] [varchar](120) NULL,

[phone] [varchar](11) NULL,

PRIMARY KEY CLUSTERED

(

[seekerID] ASC

)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

/***** Object: Table [dbo].[UserData] Script Date: 08/06/2020 03:19:10 ص *****/

SET ANSI_NULLS ON

GO

SET QUOTED_IDENTIFIER ON

GO

CREATE TABLE [dbo].[UserData](

[userName] [varchar](250) NOT NULL,

[userPass] [varchar](50) NOT NULL,

PRIMARY KEY CLUSTERED

(

[userName] ASC

)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON, OPTIMIZE_FOR_SEQUENTIAL_KEY = OFF) ON [PRIMARY]

) ON [PRIMARY]

GO

SET IDENTITY_INSERT [dbo].[Employer] ON

GO

INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (1, N'ahmed11', N'company11', NULL, NULL, NULL)

GO

INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (2, N'ahmed12', N'company12', NULL, NULL, NULL)

GO

INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (3, N'ahmed13', N'company13', NULL, NULL, NULL)

GO

INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (4, N'ahmed14', N'company14', NULL, NULL, NULL)

GO

INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (5, N'ahmed15', N'company15', NULL, NULL, NULL)

GO

INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (6, N'ahmed16', N'company16', NULL, NULL, NULL)

GO

INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (7, N'ahmed17', N'company17', NULL, NULL, NULL)

GO

INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (8, N'ahmed18', N'company18', NULL, NULL, NULL)

GO

INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (9, N'ahmed19', N'company19', NULL, NULL, NULL)

GO

```
INSERT [dbo].[Employer] ([EID], [userName], [Cname], [city], [email], [phone]) VALUES (10, N'ahmed20', N'company20', NULL, NULL, NULL)
```

GO

```
SET IDENTITY_INSERT [dbo].[Employer] OFF
```

GO

```
SET IDENTITY_INSERT [dbo].[Job] ON
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription], [visible], [endDate]) VALUES (1, 1, N'job11', N'cairo', NULL, CAST(N'2020-04-11' AS Date), N'1 years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription], [visible], [endDate]) VALUES (2, 1, N'job12', N'cairo', NULL, CAST(N'2020-04-11' AS Date), N'2 years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription], [visible], [endDate]) VALUES (3, 1, N'job13', N'cairo', NULL, CAST(N'2020-04-11' AS Date), N'3 years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription], [visible], [endDate]) VALUES (4, 1, N'job14', N'cairo', NULL, CAST(N'2020-04-11' AS Date), N'4 years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription], [visible], [endDate]) VALUES (5, 1, N'job15', N'cairo', NULL, CAST(N'2020-04-11' AS Date), N'5 years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription], [visible], [endDate]) VALUES (6, 2, N'job21', N'cairo', NULL, CAST(N'2020-03-11' AS Date), N'1 years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (7, 2, N'job22', N'cairo', NULL, CAST(N'2020-03-11' AS Date), N'2  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (8, 2, N'job23', N'cairo', NULL, CAST(N'2020-03-11' AS Date), N'3  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (9, 2, N'job24', N'cairo', NULL, CAST(N'2020-03-11' AS Date), N'4  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (10, 2, N'job25', N'cairo', NULL, CAST(N'2020-03-11' AS Date), N'5  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (11, 3, N'job31', N'cairo', NULL, CAST(N'2019-03-01' AS Date), N'1  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (12, 3, N'job32', N'cairo', NULL, CAST(N'2019-03-11' AS Date), N'2  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (13, 3, N'job33', N'cairo', NULL, CAST(N'2019-04-15' AS Date), N'3  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (14, 3, N'job34', N'cairo', NULL, CAST(N'2019-04-16' AS Date), N'4  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (15, 3, N'job35', N'cairo', NULL, CAST(N'2019-04-18' AS Date), N'5  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (16, 4, N'job41', N'cairo', NULL, CAST(N'2019-03-01' AS Date), N'1  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (17, 4, N'job42', N'cairo', NULL, CAST(N'2019-04-11' AS Date), N'2  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (18, 4, N'job43', N'cairo', NULL, CAST(N'2019-04-15' AS Date), N'3  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (19, 4, N'job44', N'cairo', NULL, CAST(N'2019-04-16' AS Date), N'4  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (20, 4, N'job45', N'cairo', NULL, CAST(N'2019-02-18' AS Date), N'5  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (21, 5, N'job51', N'cairo', NULL, CAST(N'2019-02-01' AS Date), N'1  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (22, 5, N'job52', N'cairo', NULL, CAST(N'2019-04-11' AS Date), N'2  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (23, 5, N'job53', N'cairo', NULL, CAST(N'2019-04-15' AS Date), N'3  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (24, 5, N'job54', N'cairo', NULL, CAST(N'2019-03-16' AS Date), N'4  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (25, 5, N'job55', N'cairo', NULL, CAST(N'2019-03-18' AS Date), N'5  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (26, 6, N'job61', N'cairo', NULL, CAST(N'2019-03-01' AS Date), N'1  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (27, 6, N'job62', N'cairo', NULL, CAST(N'2019-03-11' AS Date), N'2  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (28, 6, N'job63', N'cairo', NULL, CAST(N'2019-04-15' AS Date), N'3  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (29, 6, N'job64', N'cairo', NULL, CAST(N'2019-04-16' AS Date), N'4  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (30, 6, N'job65', N'cairo', NULL, CAST(N'2019-03-18' AS Date), N'5  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (31, 7, N'job71', N'cairo', NULL, CAST(N'2019-03-01' AS Date), N'1  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (32, 7, N'job72', N'cairo', NULL, CAST(N'2019-04-11' AS Date), N'2  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (33, 7, N'job73', N'cairo', NULL, CAST(N'2019-04-15' AS Date), N'3  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (34, 7, N'job74', N'cairo', NULL, CAST(N'2019-03-16' AS Date), N'4  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (35, 7, N'job75', N'cairo', NULL, CAST(N'2019-03-18' AS Date), N'5  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (36, 8, N'job81', N'cairo', NULL, CAST(N'2019-04-01' AS Date), N'1  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (37, 8, N'job82', N'cairo', NULL, CAST(N'2019-04-11' AS Date), N'2  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (38, 8, N'job83', N'cairo', NULL, CAST(N'2019-04-15' AS Date), N'3  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (39, 8, N'job84', N'cairo', NULL, CAST(N'2019-04-16' AS Date), N'4  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (40, 8, N'job85', N'cairo', NULL, CAST(N'2019-03-18' AS Date), N'5  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (41, 9, N'job91', N'cairo', NULL, CAST(N'2019-03-01' AS Date), N'1  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (42, 9, N'job92', N'cairo', NULL, CAST(N'2019-03-11' AS Date), N'2  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (43, 9, N'job93', N'cairo', NULL, CAST(N'2019-03-15' AS Date), N'3  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (44, 9, N'job94', N'cairo', NULL, CAST(N'2019-03-16' AS Date), N'4  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (45, 9, N'job95', N'cairo', NULL, CAST(N'2019-03-18' AS Date), N'5  
years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (46, 10, N'job101', N'cairo', NULL, CAST(N'2019-03-01' AS Date),  
N'1 years', NULL, 1, NULL)
```


GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (47, 10, N'job102', N'cairo', NULL, CAST(N'2019-03-11' AS Date),  
N'2 years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (48, 10, N'job103', N'cairo', NULL, CAST(N'2019-03-15' AS Date),  
N'3 years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (49, 10, N'job104', N'cairo', NULL, CAST(N'2019-03-16' AS Date),  
N'4 years', NULL, 1, NULL)
```

GO

```
INSERT [dbo].[Job] ([JID], [EID], [title], [city], [salary], [Jdate], [experince], [jdescription],  
[visible], [endDate]) VALUES (50, 10, N'job105', N'cairo', NULL, CAST(N'2019-03-18' AS Date),  
N'5 years', NULL, 1, NULL)
```

GO

```
SET IDENTITY_INSERT [dbo].[Job] OFF
```

GO

```
SET IDENTITY_INSERT [dbo].[JobApplication] ON
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (1, 2, 1, N'job11', N'cairo', N'1 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (2, 3, 1, N'job11', N'cairo', N'2 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (3, 4, 1, N'job11', N'cairo', N'3 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (4, 5, 1, N'job11', N'cairo', N'1 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (5, 6, 1, N'job11', N'cairo', N'3 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (6, 7, 1, N'job11', N'cairo', N'2 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (7, 8, 1, N'job11', N'cairo', N'5 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (8, 9, 1, N'job11', N'cairo', N'6 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (9, 10, 1, N'job11', N'cairo', N'3 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (10, 11, 1, N'job11', N'cairo', N'4 years', CAST(N'2020-04-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (11, 2, 6, N'job21', N'cairo', N'1 years', CAST(N'2020-03-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (12, 3, 6, N'job21', N'cairo', N'2 years', CAST(N'2020-03-16' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (13, 4, 6, N'job21', N'cairo', N'3 years', CAST(N'2020-04-01' AS Date))
```

GO

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (14, 5, 6, N'job21', N'cairo', N'1 years', CAST(N'2020-04-01' AS Date))
```

```
GO
```

```
INSERT [dbo].[JobApplication] ([appID], [seekerID], [JID], [title], [city], [experince], [appDate])  
VALUES (15, 6, 6, N'job21', N'cairo', N'3 years', CAST(N'2020-04-01' AS Date))
```

```
GO
```

```
SET IDENTITY_INSERT [dbo].[JobApplication] OFF
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 2)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 3)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 4)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 5)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 6)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 7)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 8)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 9)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 10)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (2, 2)
```

```
GO
```

```
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (5, 3)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (7, 4)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (8, 5)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (9, 6)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (5, 8)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (2, 9)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (3, 10)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 2)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 3)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 4)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 5)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 6)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 7)
GO
INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 8)
```

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 9)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 10)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (1, 11)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (3, 2)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (2, 3)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (5, 4)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (7, 5)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (8, 6)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (9, 7)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (8, 8)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (5, 9)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (2, 10)

GO

INSERT [dbo].[JobSearch] ([JID], [seekerID]) VALUES (3, 11)

GO

```
SET IDENTITY_INSERT [dbo].[Seeker] ON
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (2, N'seeker1', N'mahmoud1', N'mohamed1', NULL, NULL, NULL)
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (3, N'seeker2', N'mahmoud2', N'mohamed2', NULL, NULL, NULL)
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (4, N'seeker3', N'mahmoud3', N'mohamed3', NULL, NULL, NULL)
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (5, N'seeker4', N'mahmoud4', N'mohamed4', NULL, NULL, NULL)
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (6, N'seeker5', N'mahmoud5', N'mohamed5', NULL, NULL, NULL)
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (7, N'seeker6', N'mahmoud6', N'mohamed6', NULL, NULL, NULL)
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (8, N'seeker7', N'mahmoud7', N'mohamed7', NULL, NULL, NULL)
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (9, N'seeker8', N'mahmoud8', N'mohamed8', NULL, NULL, NULL)
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (10, N'seeker9', N'mahmoud9', N'mohamed9', NULL, NULL, NULL)
```

```
GO
```

```
INSERT [dbo].[Seeker] ([seekerID], [userName], [Fname], [Lname], [city], [email], [phone])  
VALUES (11, N'seeker10', N'mahmoud10', N'mohamed10', NULL, NULL, NULL)
```

```
GO
```

```
SET IDENTITY_INSERT [dbo].[Seeker] OFF
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed11', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed12', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed13', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed14', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed15', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed16', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed17', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed18', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed19', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'ahmed20', N'ahmed11')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker1', N'seeker1')
```

```
GO
```



```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker10', N'seeker1')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker2', N'seeker1')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker3', N'seeker1')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker4', N'seeker1')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker5', N'seeker1')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker6', N'seeker1')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker7', N'seeker1')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker8', N'seeker1')
```

```
GO
```

```
INSERT [dbo].[UserData] ([userName], [userPass]) VALUES (N'seeker9', N'seeker1')
```

```
GO
```

```
ALTER TABLE [dbo].[AppSearch] WITH CHECK ADD FOREIGN KEY([appID])
```

```
REFERENCES [dbo].[JobApplication] ([appID])
```

```
GO
```

```
ALTER TABLE [dbo].[AppSearch] WITH CHECK ADD FOREIGN KEY([EID])
```

```
REFERENCES [dbo].[Employer] ([EID])
```

```
GO
```

```
ALTER TABLE [dbo].[Employer] WITH CHECK ADD FOREIGN KEY([userName])
```

```
REFERENCES [dbo].[UserData] ([userName])
```

```
GO
```

```
ALTER TABLE [dbo].[Job] WITH CHECK ADD FOREIGN KEY([EID])
REFERENCES [dbo].[Employer] ([EID])
GO
ALTER TABLE [dbo].[JobApplication] WITH CHECK ADD FOREIGN KEY([seekerID])
REFERENCES [dbo].[Seeker] ([seekerID])
GO
ALTER TABLE [dbo].[JobApplication] WITH CHECK ADD FOREIGN KEY([JID])
REFERENCES [dbo].[Job] ([JID])
GO
ALTER TABLE [dbo].[JobSearch] WITH CHECK ADD FOREIGN KEY([JID])
REFERENCES [dbo].[Job] ([JID])
GO
ALTER TABLE [dbo].[JobSearch] WITH CHECK ADD FOREIGN KEY([seekerID])
REFERENCES [dbo].[Seeker] ([seekerID])
GO
ALTER TABLE [dbo].[Seeker] WITH CHECK ADD FOREIGN KEY([userName])
REFERENCES [dbo].[UserData] ([userName])
GO
ALTER TABLE [dbo].[UserData] WITH CHECK ADD CHECK ((len([userName])>(6)))
GO
ALTER TABLE [dbo].[UserData] WITH CHECK ADD CHECK ((len([userPass])>(6)))
GO
USE [master]
GO
ALTER DATABASE [Recruitmen] SET READ_WRITE
GO
```


Queries

- a. What was the most interesting job “title” that had maximum number of applicants?

```
select top 1 JobApplication.title, count(JobApplication.JID) as numberOfApp
from JobApplication, Job
where Job.JID=JobApplication.JID
group by JobApplication.title
order by numberOfApp desc
```

Results		Messages
	title	numberOfApp
1	job11	10

- b. What was the announced job “title” that hadn’t any applicants last month?

```
select Job.title
from JobApplication,Job
where Job.JID=JobApplication.JID and DATEDIFF(dd,JobApplication.appDate,GETDATE())>30
group by Job.title
order by Job.title desc
```

150 %

Results Messages

	title
1	job21

- c. Who was the employer with the maximum announcements last month?

```
select top 1 Employer.Cname, count(Job.JID) as number
from Employer, Job
where Job.EID=Employer.EID and DATEDIFF(dd, Job.Jdate, GETDATE())<=30
group by Employer.Cname
order by number desc
```

Results		Messages
	Cname	number
1	company11	5

d. Who were the employers didn't announce any job last month?

```
select Employer.Cname
from Employer,Job
where Job.EID=Employer.EID and DATEDIFF(dd,Job.Jdate,GETDATE())>30
group by Employer.Cname
```

150 %

Results Messages

	Cname
1	company12
2	company13
3	company14
4	company15
5	company16
6	company17
7	company18
8	company19
9	company20

e. What were the available positions at each employer last month?

```
select Employer.Cname,Job.title
from Job,Employer
where Employer.EID=Job.EID and job.visible=0
and DATEDIFF(dd,Job.endDate,GETDATE())>30 and DATEDIFF(dd,Job.endDate,GETDATE())<=60
```

150 %

Results Messages

Cname	title
-------	-------

Note: all jobs is available and don't have end date and visible =1

- f. For each seeker, retrieve all his/her information and the number of jobs he applied for

```
select Seeker.Fname, Seeker.Lname, Seeker.city, Seeker.email, Seeker.phone,
       count(JobApplication.appID) as Number
from Seeker, JobApplication
where JobApplication.seekerID=Seeker.seekerID
group by Seeker.Fname, Seeker.Lname, Seeker.city, Seeker.email, Seeker.phone
```

150 %

Results Messages

	Fname	Lname	city	email	phone	Number
1	mahmoud1	mohamed1	NULL	NULL	NULL	2
2	mahmoud10	mohamed10	NULL	NULL	NULL	1
3	mahmoud2	mohamed2	NULL	NULL	NULL	2
4	mahmoud3	mohamed3	NULL	NULL	NULL	2
5	mahmoud4	mohamed4	NULL	NULL	NULL	2
6	mahmoud5	mohamed5	NULL	NULL	NULL	2
7	mahmoud6	mohamed6	NULL	NULL	NULL	1
8	mahmoud7	mohamed7	NULL	NULL	NULL	1
9	mahmoud8	mohamed8	NULL	NULL	NULL	1
10	mahmoud9	mohamed9	NULL	NULL	NULL	1