|  |
| --- |
| DEPARTMENT |
| DepartmentID ID  DeparementName |

**Database Model**

|  |
| --- |
| APPOINTMENT |
| AppointmentID ID  Creator  CreateTime  Location  Date  StartTime  EndTime  Description |

|  |
| --- |
| ROLE |
| RoleID ID  RoleName  Description |

|  |
| --- |
|  |
| ReminderType  ReminderTime |

|  |
| --- |
| USER |
| UserID ID  Password  Name  Email |

**Conceptual Model**

Assigned as

Work for

1..\* 1..\*

|  |
| --- |
| \* |

make

|  |
| --- |
| \* |

**Relational Model**

1. ROLE(RoleID,RoleName,Description)

Primary key:RoleID

1. DEPARTMENT(DepartmentID,DepartmentName)

Primary Key:DepartmentID

1. User(UserID,Password,Name,Email,Role,Dpt)

Primary Key:UserID

Candidate Key:Email

Foreign Key 1: Role references to ROLE(RoleID)

Foreign Key 2: Dpt references to DEPARTMENT(DepartmentID)

1. APPOINTMENT(AppointmentID, Creator, CreateTime, Location, Date, StartTime, EndTime, Description)

Primary Key: AppointmentID

Foreign Key1:Creator references to USER(UserID)

1. APPOINTMENTUSER(Appoinment,Participant,ReminderType,ReminderTime)

Primary Key: (Appointment, Participant)

Foreign Key1: Appointment references to APPOINTMENT(AppointmentID)

Foreign Key2: Participant references USER(UserID)