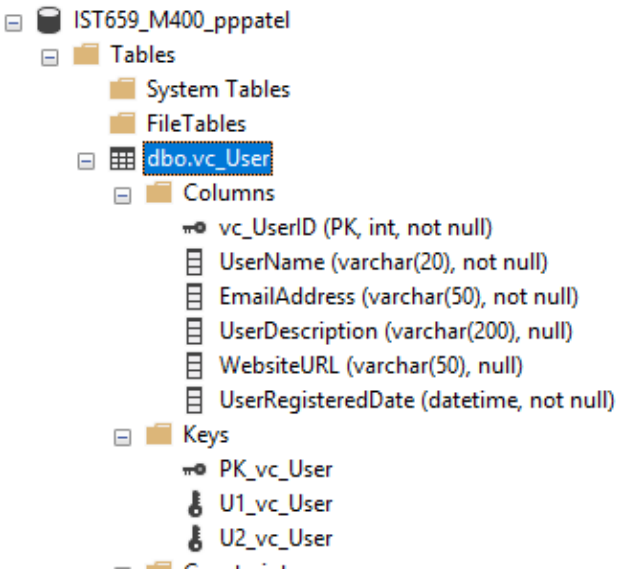
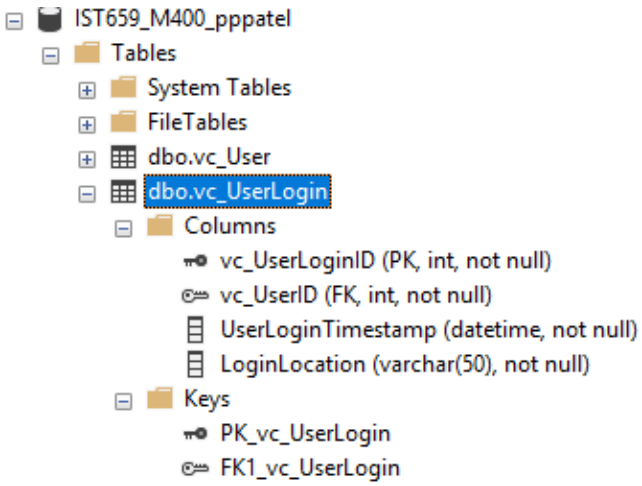
Parin Patel
Lab 5

PART 1: Creating Tables

User Table:



User_Login_Table

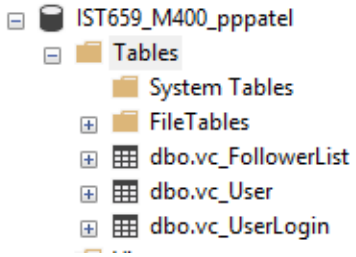


User Records:

Results | Messages

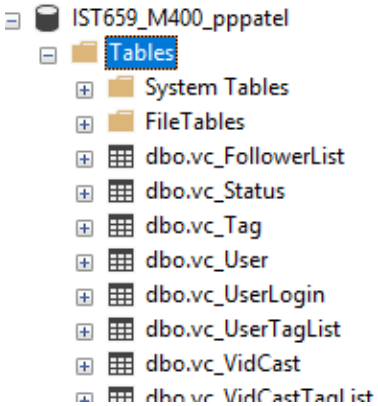
	vc_UserID	UserName	EmailAddress	UserDescription	WebsiteURL	UserRegisteredDate
1	1	RDwight	rdwight@nodomain.xyz	Piano Teacher	NULL	2018-11-11 14:15:24.877
2	2	SaulHudson	slash@nodoman.xyz	I like Les Paul guitars	NULL	2018-11-11 14:15:24.877
3	3	Gordon	summer@nodomain.xyz	Former cop	NULL	2018-11-11 14:15:24.877

USER TABLES



PART 2: The Rest of the Tables

VidCast Tables



PART 2: SQL QUERY FILE

```
/*
        Author : Saul Hudson
        Course : IST659 M400
        Term : April,2018
*/

-- Creating the User Table
Create Table vc_User (
        --Columns for the User Table
        vc_UserID int identity,
        UserName varchar(20) not null,
        EmailAddress varchar(50) not null,
        UserDescription varchar (200),
        WebsiteURL varchar (50),
        UserRegisteredDate datetime not null default GetDate(),
        --Constrains on the User Table
        CONSTRAINT PK_vc_User Primary Key (vc_UserID),
        CONSTRAINT U1_vc_User UNIQUE(UserName),
        CONSTRAINT U2_vc_User UNIQUE(EmailAddress)
)
--End Creating the User Table

--Creating the User Login Table
Create table vc_UserLogin (
        --Columns for the UserLogin table
        vc_UserLoginID int identity,
        vc_UserID int not null,
        UserLoginTimestamp datetime not null default GetDate(),
        LoginLocation varchar(50) not null,
        --Constraints on the UserLogin Table
```

```
        --Contraints on the User Login Table
        CONSTRAINT PK_vc_UserLogin PRIMARY KEY (Vc_UserLoginID),
        CONSTRAINT FK1_vc_UserLogin FOREIGN KEY (vc_UserID) REFERENCES vc_User(vc_USERID)
)
--End Creating the User Login Table

--Adding Data to the User Table
INSERT INTO vc_User(UserName, EmailAddress, UserDescription)
        Values
                ('RDwight' 'rdwight@nodomain.xyz', 'Piano Teacher'),
                ('SaulHudson', 'slash@nodoman.xyz', 'I like Les Paul guitars'),
                ('Gordon', 'summer@nodomain.xyz', 'Former cop')
SELECT * FROM vc_User


--Creating the Followers List Table
CREATE TABLE vc_FollowerList (
        --Columns for the follower List table
        vc_FollowerListID int identity,
        FollowerID int not null,
        FollowedID int not null,
        FollowerSince datetime not null,
        --Constraints on the Follower List Table
        CONSTRAINT PK_vc_FollowerList PRIMARY KEY (vc_FollowerListID),
        CONSTRAINT U1_vc_FollowerList UNIQUE (FollowerID, FollowedID),
        CONSTRAINT FK1_vc_FollowerList FOREIGN KEY (FollowerID) REFERENCES vc_User (vc_UserID),
        CONSTRAINT FK2_vc_FollowerList FOREIGN KEY (FollowedID) REFERENCES vc_User (vc_UserID)
)

--End Creating the Follower List Table

--Creating the Tag table
CREATE TABLE vc_Tag (
        --Columns for the tag table
        vc_TagID int identity,
        TagText varchar(20) not null,
        TagDescription varchar(100)
        --Constraints on the Tag Table
        CONSTRAINT PK_vc_Tag PRIMARY KEY (vc_TagID),
        CONSTRAINT U1_vc_Tag UNIQUE (TagText)
)
--End Creating Tag Table

--Creating the Status Table
CREATE TABLE vc_Status (
        --Columns for the status table
        vc_StatusID int identity,
        StatusText varchar(20),
        --Constraints on the Status Table
        CONSTRAINT PK_vc_Status PRIMARY KEY (vc_StatusID),
        CONSTRAINT U1_vc_Status UNIQUE (StatusText)
)
--End Creating the Status Table


--Creating the VidCast Table
CREATE TABLE vc_VidCast (
        --Columns for the Vidcast table
        vc_VidCastID int identity,
        VidCastTitle varchar(50) not null,
        StartDateTime datetime,
        EndDateTime datetime,
        ScheduledDurationMinutes int
```

```
        ScheduledDurationMinutes int,
        RecordingURL varchar(50),
        vc_UserID int not null,
        vc_StatusID int not null
        --CONSTRAINTS on the VidCast Table
        CONSTRAINT PK_vc_VidCast PRIMARY KEY (vc_VidCastID),
        CONSTRAINT FK1_vc_VidCast FOREIGN KEY (vc_UserID) REFERENCES vc_User(vc_UserID),
        CONSTRAINT FK2_vc_VicCast FOREIGN KEY (vc_StatusID) REFERENCES vc_Status(vc_StatusID)
)
--End Creating VidCast Table


--Creating the VidCast Tag List Table
CREATE TABLE vc_VidCastTagList (
        --Columns for the VidCast Tag List Table
        vc_VidCastTagListID int identity,
        vc_TagID int not null,
        vc_VidCastID  int not null,
        --Constraint on the VidCast Tag List Table
        CONSTRAINT PK_vc_VidCastTagList PRIMARY KEY(vc_VidCastTagListID),
        CONSTRAINT U1_vc_VidCastTagList UNIQUE (vc_TagID, vc_VidCastID),
        CONSTRAINT FK1_vc_VidCastTagList FOREIGN KEY (vc_TagID) REFERENCES vc_Tag(vc_TagID),
        CONSTRAINT FK2_vc_VidCastTagList FOREIGN KEY (vc_VidCastID) REFERENCES vc_VidCast(vc_VidCastID)
)
--End creating the VidCast Tag List Table

--Creating the User Tag List Table
CREATE TABLE vc_UserTagList (
        --Columns for the User Tag List Table
        vc_UserTagListID int identity,
        vc_TagID int not null,
        vc_UserID int not null
        --Constraints on the User Tag List Table
        CONSTRAINT PK_vc_UserTagList PRIMARY KEY(vc_UserTagListID),
        CONSTRAINT U1_vc_UserTagList UNIQUE (vc_TagID, vc_UserID),
        CONSTRAINT FK1_vc_UserTagList FOREIGN KEY(vc_TagID) REFERENCES vc_Tag(vc_TagID),
        CONSTRAINT FK2_vc_UserTagList FOREIGN KEY(vc_UserID) REFERENCES vc_User(vc_UserID)
)
--End creating User Tag List Table
```