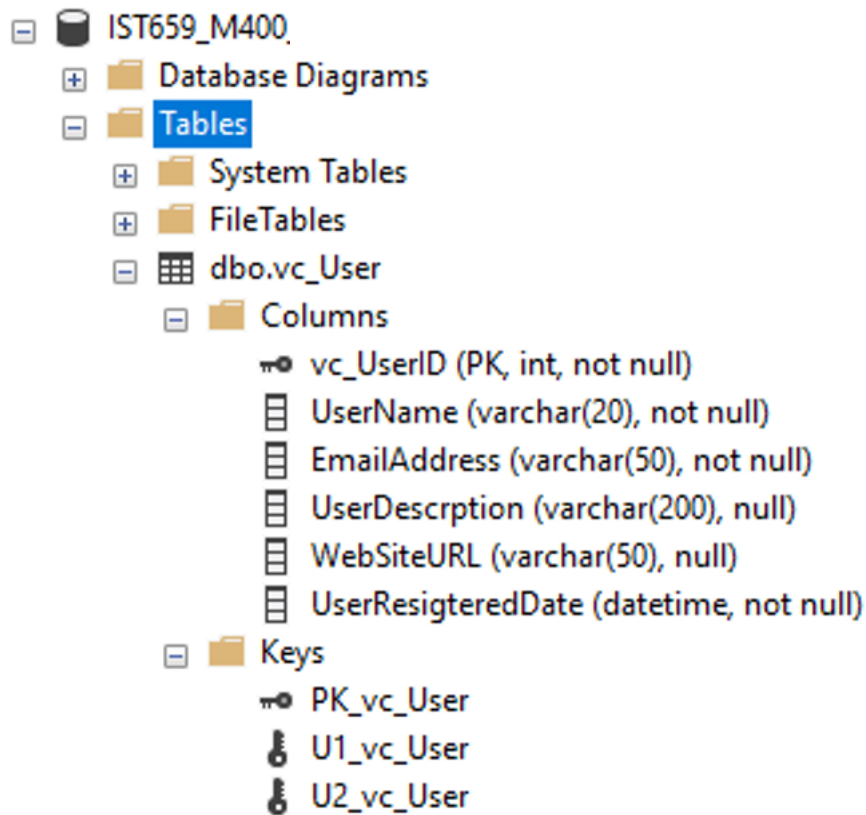


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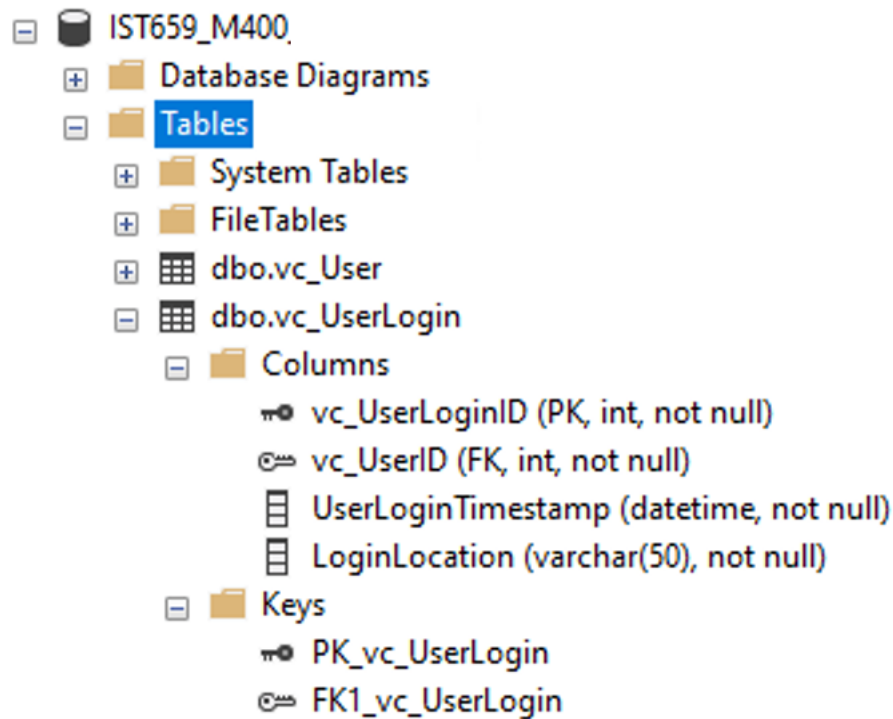
Lab 5

Part 1

User Table



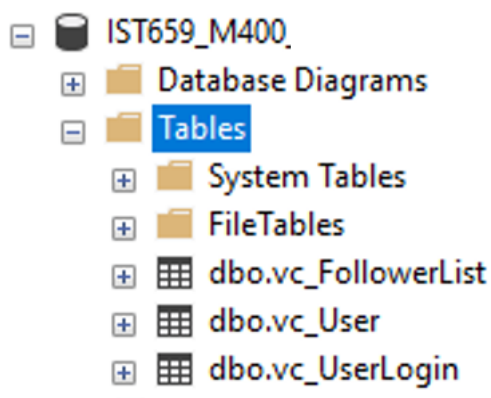
User Login Table



User Records

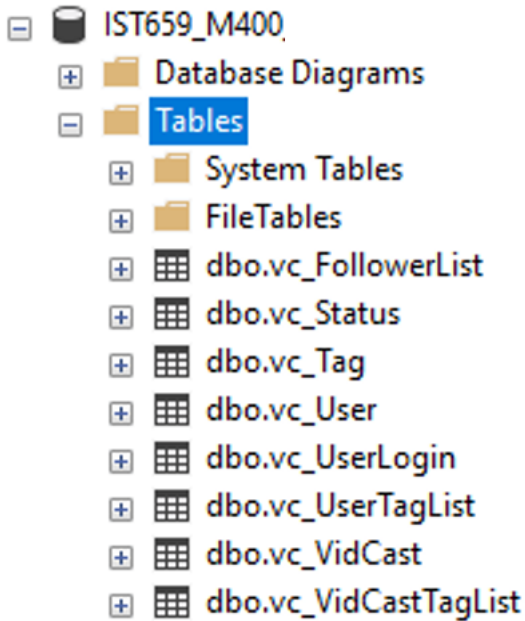
Results		Messages				
	vc_UserID	UserName	EmailAddress	UserDescription	WebSiteURL	UserResigteredDate
1	1	RDwight	rdwight@nodomain.xyz	Piano Teacher	NULL	2020-11-09 01:22:06.603
2	2	SaulHudson	slash@nodomain.xyz	I like Les Paul guitars	NULL	2020-11-09 01:22:06.603
3	3	Gordon	sumner@nodomain.xyz	Former cop	NULL	2020-11-09 01:22:06.603

User Tables



Part 2

VidCast Tables



SQL Query

```
-- 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),
    UserResigteredDate datetime not null default GetDate(),
    -- Constraints 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 UserLogin 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
    CONSTRAINT PK_vc_UserLogin PRIMARY KEY (vc_userLoginID),
    CONSTRAINT FK1_vc_UserLogin FOREIGN KEY (vc_UserID) REFERENCES vc_User(vc_UserID)
```

```

    )
-- End Creating the UserLogin table

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

SELECT * FROM vc_User

-- Creating the Follower 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,
    TagDescriptionin varchar(100)
    -- Constraints on the Tag table
    CONSTRAINT PK_vc_Tag PRIMARY KEY (vc_TagID),
    CONSTRAINT U1_vc_Tag UNIQUE (vc_TagID)
)
-- End creating the 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,
        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_VidCast FOREIGN KEY (vc_StatusID) REFERENCES
vc_Status(vc_StatusID)
    )
    -- End creating the 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
    -- Constraints on the VidCast Tag List table
    CONSTRAINT PK_vc_VidCastTagList PRIMARY KEY (vc_VidCastTagListID)
    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),
    CONSTRAINT U1_vc_VidCastTagList UNIQUE (vc_TagID),
    CONSTRAINT U2_vc_VidCastTagList UNIQUE (vc_VidCastID)
)
    -- End creating 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 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),
    CONSTRAINT U1_vc_UserTagList UNIQUE (vc_TagID),
    CONSTRAINT U2_vc_UserTagList UNIQUE (vc_UserID)
)
    -- End creating the User Tag List table

```