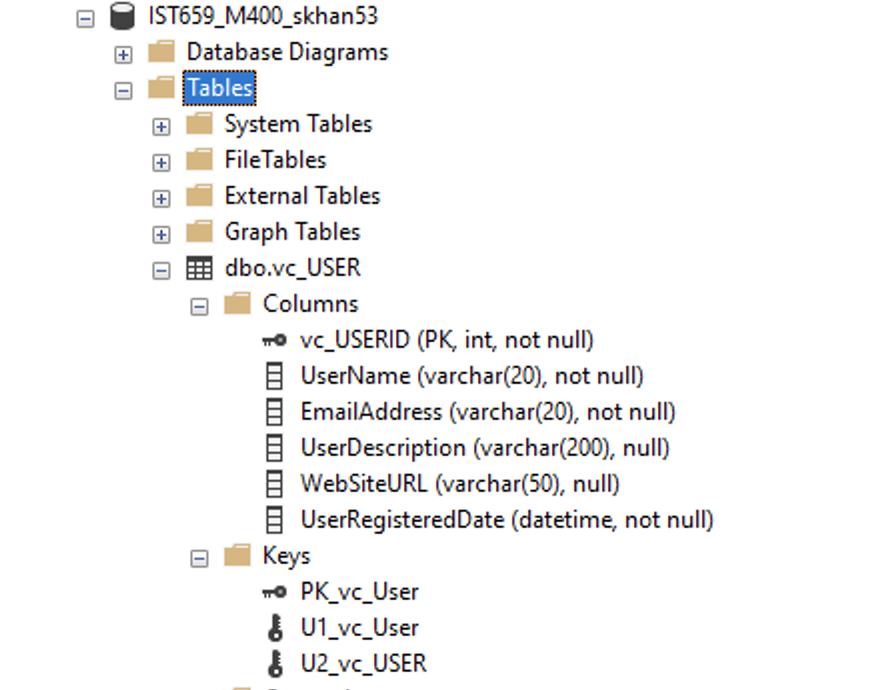
Sana Khan

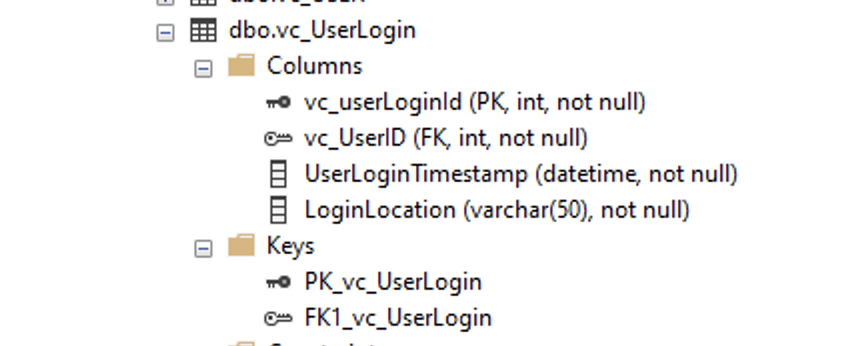
IST659

Lab 5

User Table



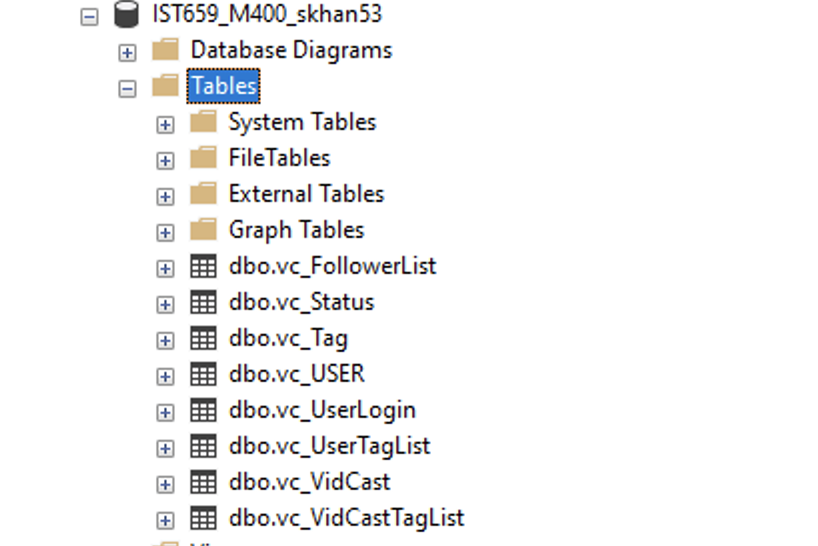
User Login Table



User Records



VidCast Tables



SQL Code:

/\*

Author : Sana Khan

Course : IST659 M400

Term : Winter 2022

\*/

--Creating the user table --

CREATE TABLE vc\_User (

--Cloumns for the user table --

vc\_USERID int identity,

UserName varchar(20) not null,

EmailAddress varchar(20) not null,

UserDescription varchar(200),

WebSiteURL varchar(50),

UserRegisteredDate datetime not null default GetDate(),

-- Constaints 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 user table

--Creating the UserLogin table

CREATE TABLE vc\_UserLogin(

--Columns or 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 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@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\_\_FollowerList FOREIGN KEY(FollowerID) REFERENCES vc\_User(vc\_UserID),

CONSTRAINT FK2\_\_FollowerList FOREIGN KEY(FollowerID) 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 theTtag table

--Creating 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\_Staus PRIMARY KEY (vc\_StatusID),

CONSTRAINT U1\_vc\_Status UNIQUE (StatusText)

)

--end

--Creating 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)

)

--Creating VidCastTagList 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 VidCastTag 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)

)

--Creating VidCast User Tag List table

CREATE TABLE vc\_UserTagList (

--Columns for the VidCast User Tag List table

vc\_UserTagListID int identity,

vc\_TagID int not null,

vc\_UserID int not null

-- Constraints on the VidCaast 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