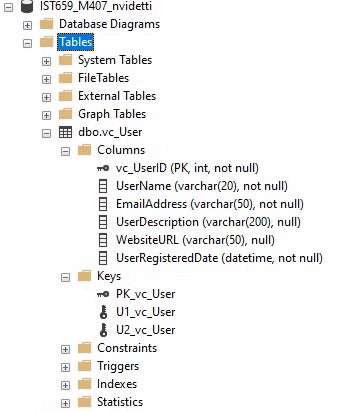
Nick Videtti

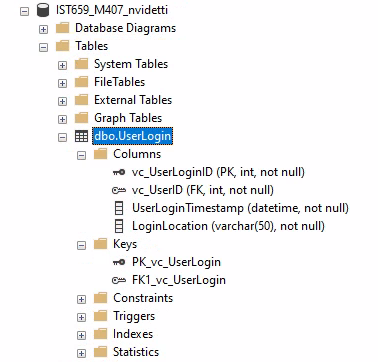
IST-659 Week 5 Lab Assignment

**PART 1**

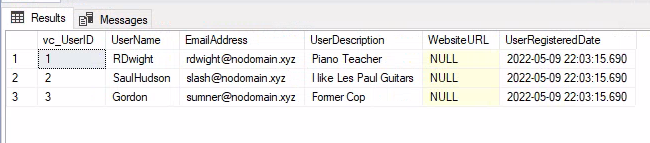
**User Table:**



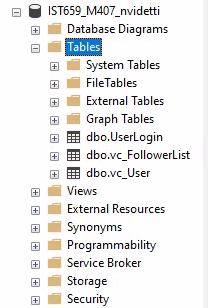
**UserLogin Table:**



**User Records:**

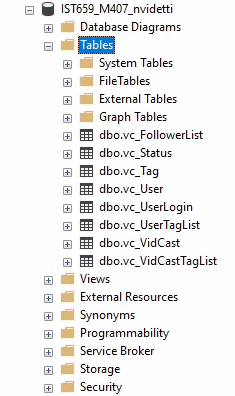


**User Tables:**



**PART 2**

**VidCast Tables:**



**SQL Code:**

/\*

Author : Nick Videtti

Course : IST659 M407

Term : Spring (April - June) 2022

\*/

--------PART 1--------

--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(),

--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 FollowerList table

CREATE TABLE vc\_FollowerList(

--Columns for the FollowerList table

vc\_FollowerListID int identity,

FollowerID int not null,

FollowedID int not null,

FollowerSince datetime not null,

--Constraints on the FollowerList 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 FollowerList table

--------PART 2--------

CREATE TABLE vc\_Tag(

vc\_TagID

INT IDENTITY,

TagText

VARCHAR(20) NOT NULL,

TagDescription

VARCHAR(100),

CONSTRAINT PK\_vc\_Tag

PRIMARY KEY (vc\_TagID),

CONSTRAINT U1\_vc\_Tag

UNIQUE (TagText)

)

CREATE TABLE vc\_Status(

vc\_StatusID

INT IDENTITY,

StatusText

VARCHAR(20),

CONSTRAINT PK\_vc\_Status

PRIMARY KEY (vc\_StatusID),

CONSTRAINT U1\_vc\_Status

UNIQUE (StatusText)

)

CREATE TABLE vc\_VidCast(

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,

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)

)

CREATE TABLE vc\_VidCastTagList(

vc\_VidCastTagListID

INT IDENTITY,

vc\_TagID

INT NOT NULL,

vc\_VidCastID

INT NOT NULL,

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)

)

CREATE TABLE vc\_UserTagList(

vc\_UserTagListID

INT IDENTITY,

vc\_TagID

INT NOT NULL,

vc\_UserID

INT NOT NULL,

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)

)