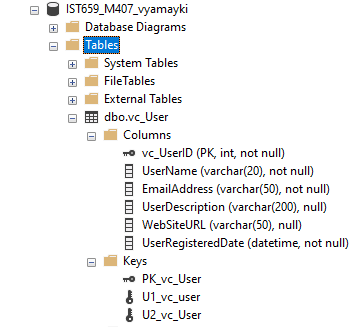
Victor Yamaykin

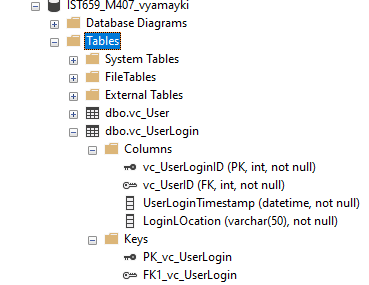
IST659 M407

05/05/2021

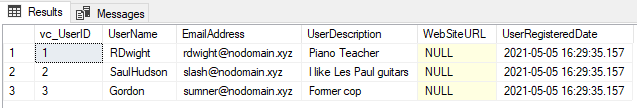
User Table



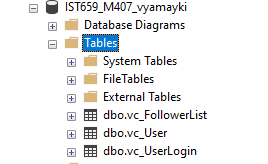
User Login Table



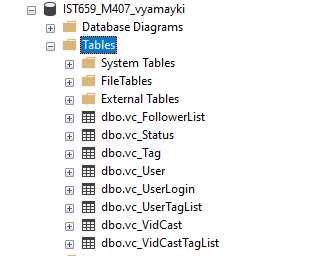
User Records



User Tables



VidCast Tables



SQL Query File

/\*

Author : Victor Yamaykin

Title : Lab 05

Course : IST659 M407

Term : April, 2021

\*/

-- Drop tables

DROP TABLE IF EXISTS vc\_UserTagList

DROP TABLE IF EXISTS vc\_VidCastTagList

DROP TABLE IF EXISTS vc\_VidCast

DROP TABLE IF EXISTS vc\_Status

DROP TABLE IF EXISTS vc\_Tag

DROP TABLE IF EXISTS vc\_FollowerList

DROP TABLE IF EXISTS vc\_UserLogin

DROP TABLE IF EXISTS vc\_User

-- 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 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 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 default GetDate()

, LoginLOcation varchar(50) not null

,

-- Constraints on the User Login 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 User Login 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 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 VidCastTagList table

CREATE TABLE vc\_VidCastTagList (

-- Columns for the VidCastTagList table

vc\_VidCastTagListID int identity

, vc\_TagID int

, vc\_VidCastID int

-- Constraints for the VidCastTagList 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 VidCastTagList table

-- Creating the UserTagList table

CREATE TABLE vc\_UserTagList (

-- Columns for the UserTagList table

vc\_UserTagListID int identity

, vc\_TagID int

, vc\_UserID int

-- Constraints for the UserTagList 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 the UserTagList table