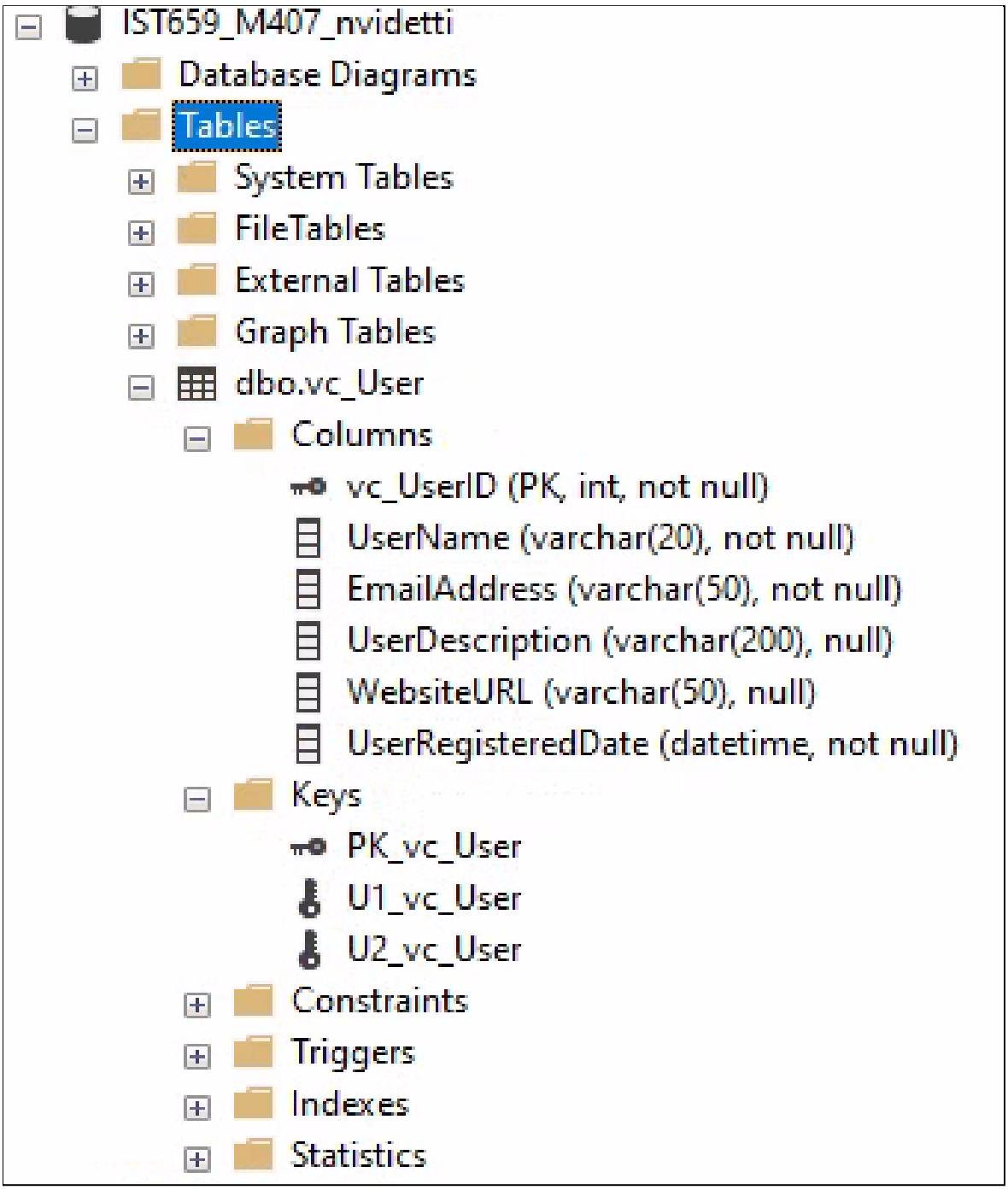
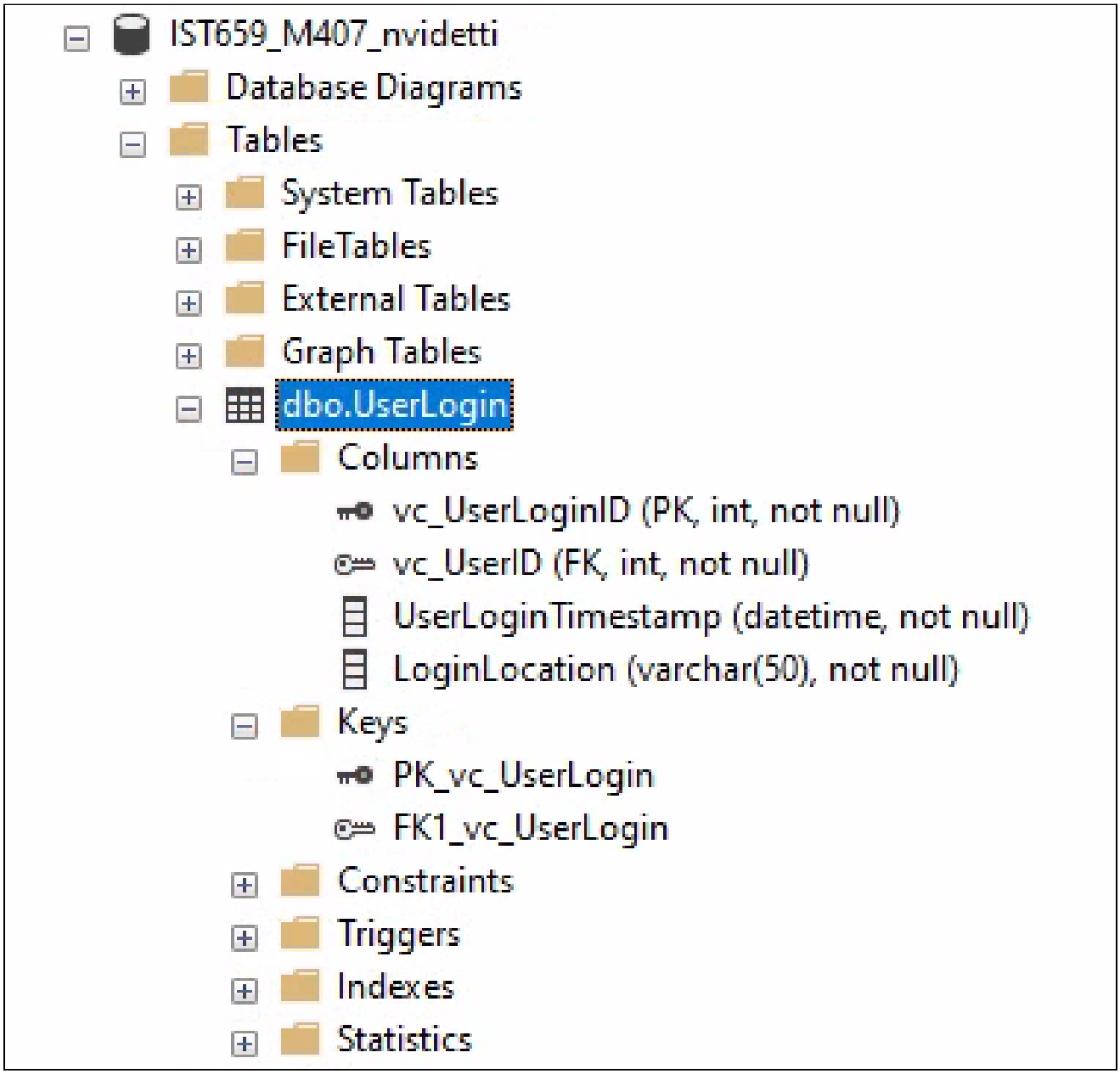
Nick Videtti
IST-659 Week 5 Lab Assignment

PART 1

User Table:



UserLogin Table:

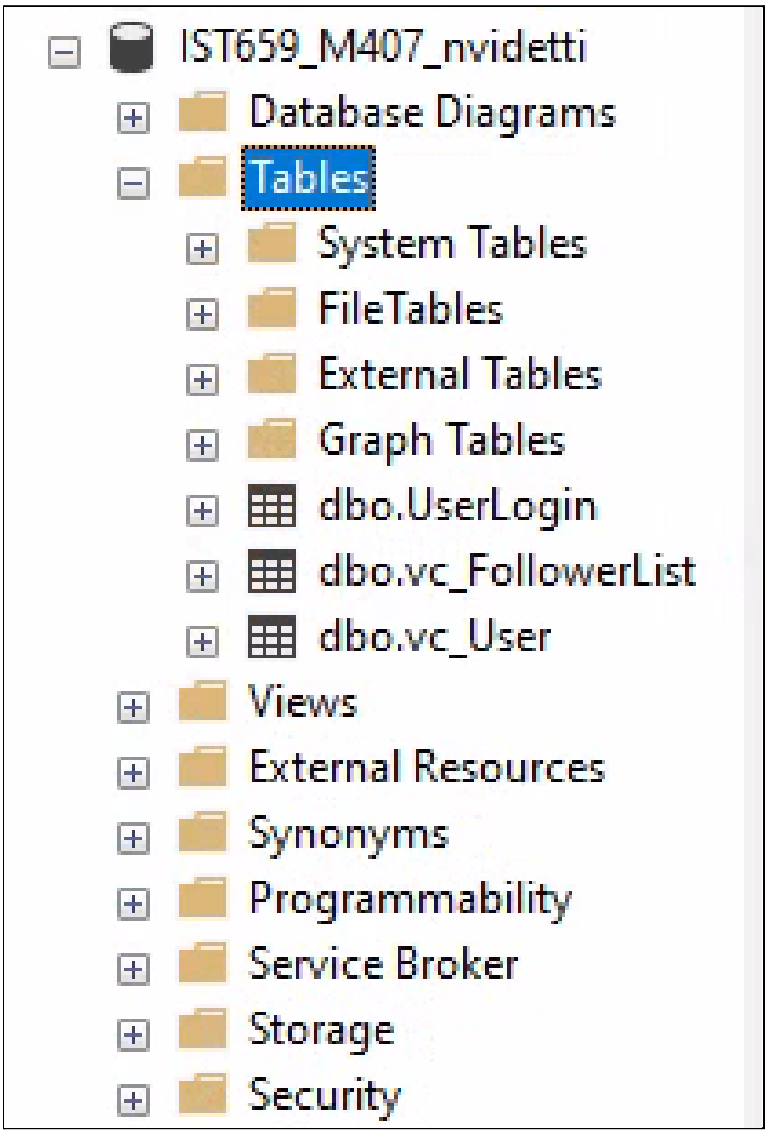


User Records:

Results | Messages

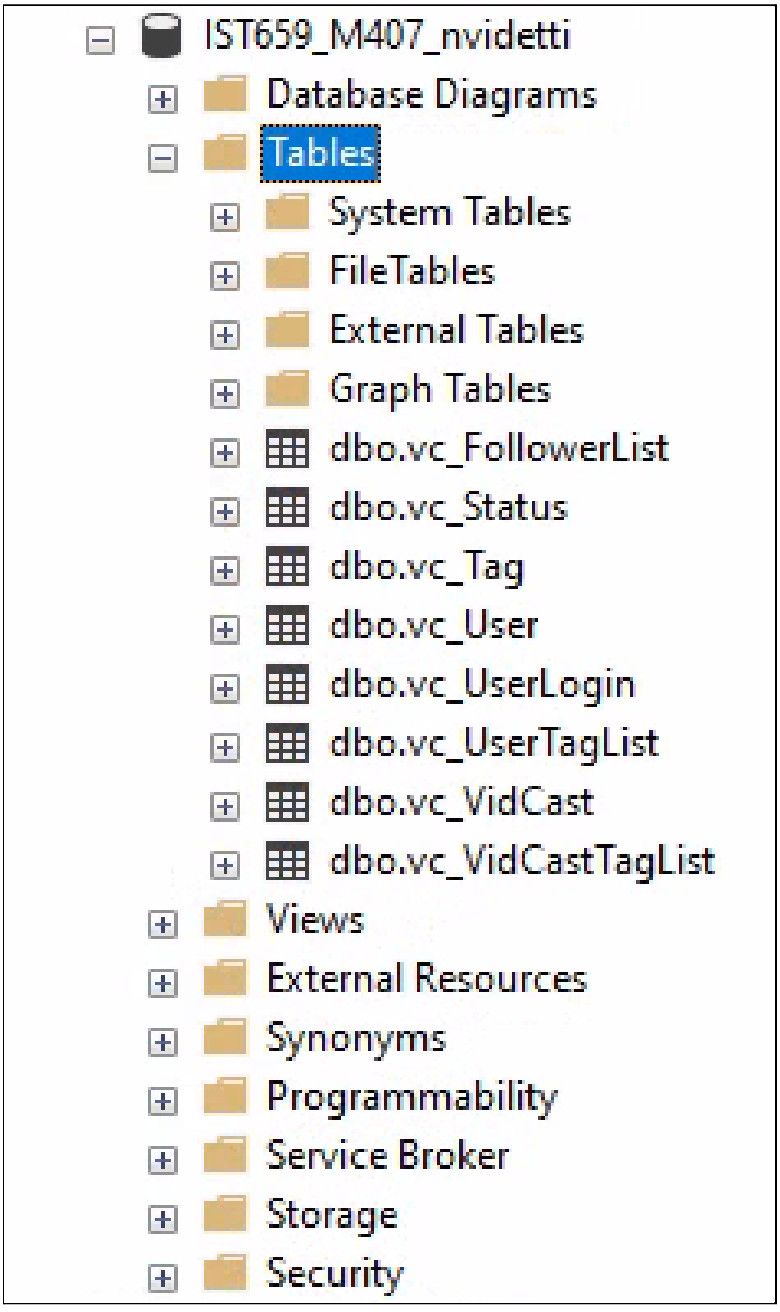
	vc_UserID	UserName	EmailAddress	UserDescription	WebsiteURL	UserRegisteredDate
1	1	RDwight	rdwight@nodomain.xyz	Piano Teacher	NULL	2022-05-09 22:03:15.690
2	2	SaulHudson	slash@nodomain.xyz	I like Les Paul Guitars	NULL	2022-05-09 22:03:15.690
3	3	Gordon	sumner@nodomain.xyz	Former Cop	NULL	2022-05-09 22:03:15.690

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)
)
```