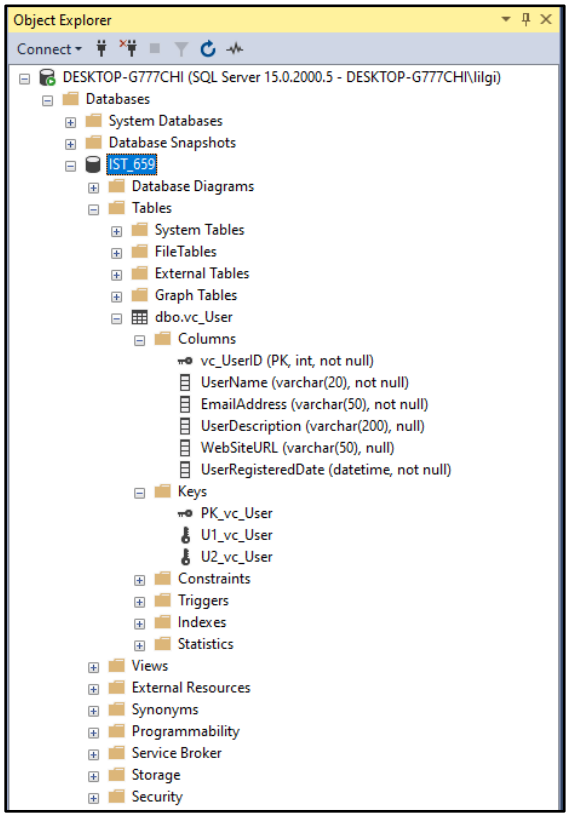
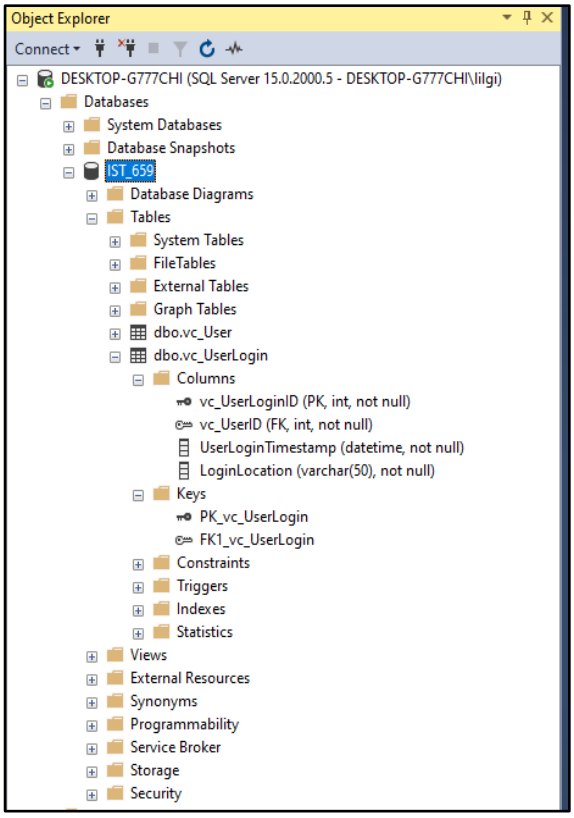
10/29/2020
Lab 5

Part 1 Creating Tables

User Table



UserLogin Table



User Records

Results | Messages

	vc_UserID	UserName	EmailAddress	UserDescription	WebSiteURL	UserRegisteredDate
1	1	RDwight	rdwight@nodomain.xyz	Piano Teacher	NULL	2020-10-20 09:41:20.430
2	2	SaulHudson	slash@nodomain.xyz	I like Les Paul guitars	NULL	2020-10-20 09:41:20.430
3	3	Gordon	sumner@nodomain.xyz	Former cop	NULL	2020-10-20 09:41:20.430

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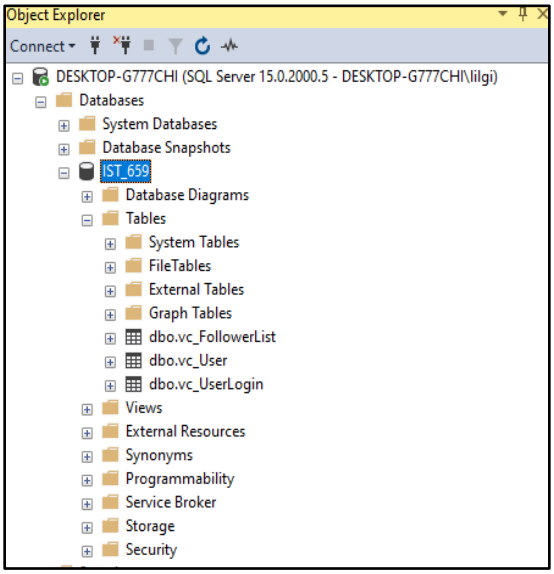
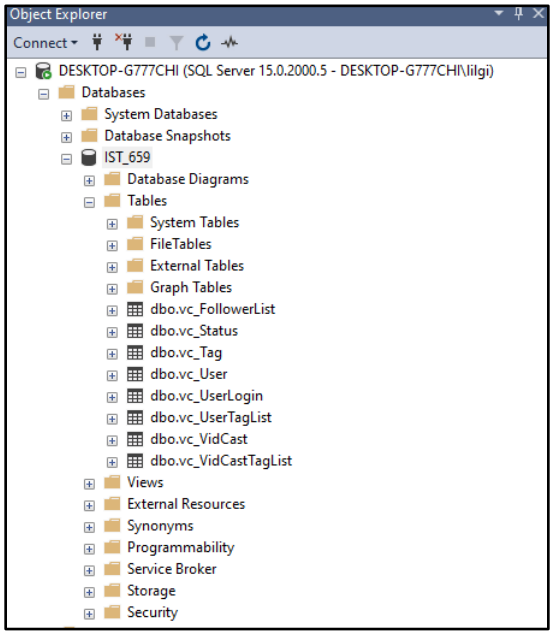
User Tables



Part 2 The Rest of the Tables

VidCast tables



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Lab 5

SQL Code Pasted

```
/*
	Author: Tyler Gigot
	Course: IST 659
	Term: Fall 2020
*/
```

```
-- 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 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,
	TagDescription varchar(100),

	-- Constraints on the Tag Table
	constraint PK_vc_Tag primary key (vc_TagID),
	constraint U1_vc_Tag unique (TagDescription))

-- 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 not null,
	vc_VidCastID int not null,

	-- Constraints on 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 not null,
	vc_UserID int not null,

	-- Constraints on 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
```