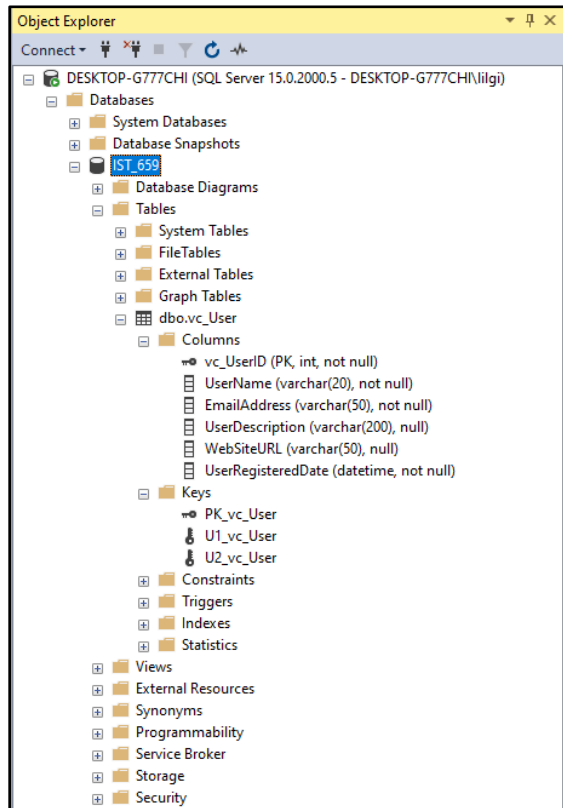


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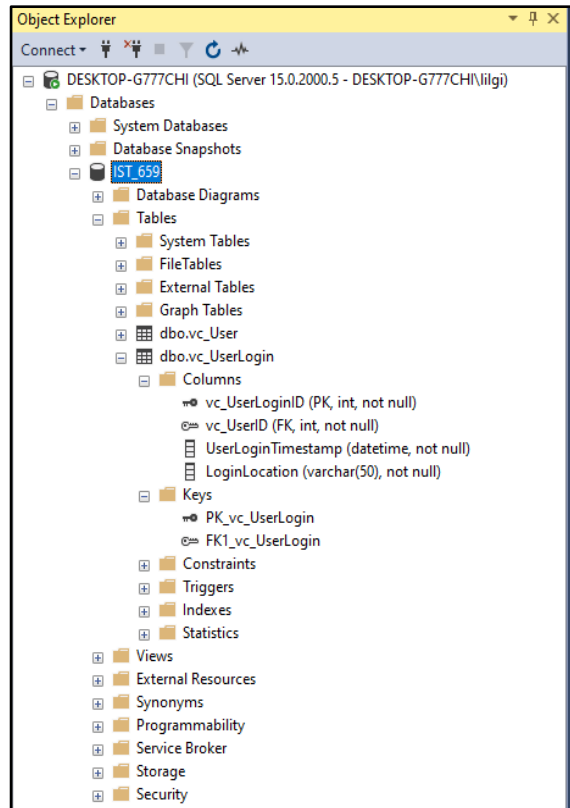
Lab 5

Part 1 Creating Tables

User Table



UserLogin Table



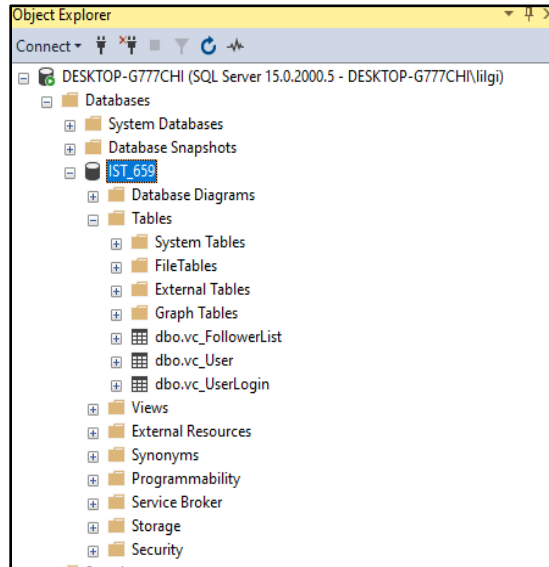
User Records

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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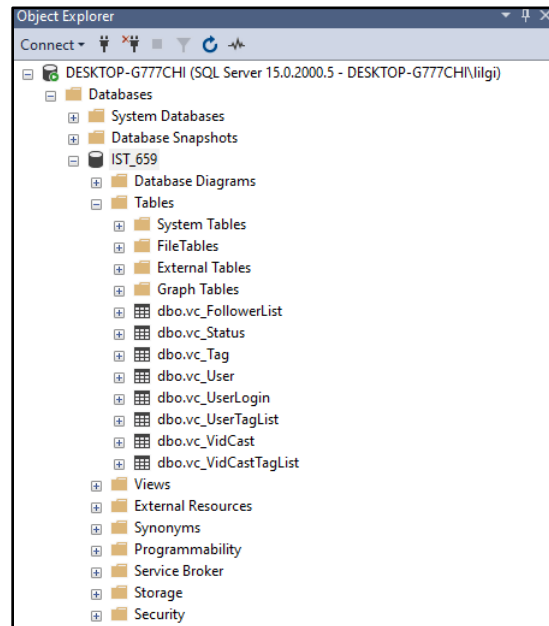
Lab 5

User Tables



Part 2 The Rest of the Tables

VidCast tables



10/29/2020

Lab 5

SQL Code Pasted

```
/*
    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
```

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Lab 5

```
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
```

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```
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
```