

Marriah Lewis
IST 659 Lab 06
March 1, 2021

--First VidCast

Results		Messages							
	vc_VidCastID	VidCast Title	StartDateTime	EndDateTime	ScheduledDurationMinutes	RecordingURL	vc_UserID	vc_StatusID	
1	2	December Snow	2018-03-01 14:00:00.000	2018-03-01 14:30:00.000	30	/XVF1234	2	3	

--Saul's First VidCast

Results		Messages						
	UserName	EmailAddress	VidCast Title	StartDateTime	EndDateTime	ScheduledHours	StatusText	
1	SaulHudson	slash@nodomain.xyz	December Snow	2018-03-01 14:00:00.000	2018-03-01 14:30:00.000	0.500000	Finished	

--Update a User

Results		Messages				
	vc_UserID	UserName	EmailAddress	UserDescription	WebSiteURL	UserRegisteredDate
1	2	SaulHudson	slash@nodomain.xyz	I like Les Paul guitars	NULL	2018-03-01 00:00:00.000

--No more on time

Results		Messages	
	vc_StatusID	StatusText	
1	3	Finished	
2	1	Scheduled	
3	2	Started	

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--Tags

Results Messages			
	vc_TagID	TagText	TagDescription
1	1	Personal	About people
2	2	Professional	Business, business, business
3	3	Sports	All manner of sports
4	4	Music	Music analysis, news, and thoughts
5	5	Games	Live streaming our favorite games

--Users

Results Messages						
	vc_UserID	UserName	EmailAddress	UserDescription	WebSiteURL	UserRegisteredDate
1	1	RDwright	rdwright@nodomain.xyz	Piano Teacher	NULL	2021-02-20 18:18:22.440
2	2	SaulHudson	slash@nodomain.xyz	I like Les Paul guitars	NULL	2018-03-01 00:00:00.000
3	3	Gordon	sumner@nodomain.xyz	Fomer cop	NULL	2021-02-20 18:18:22.440
4	4	TheDoctor	tomBaker@nodomain.xyz	The definite article	NULL	2021-03-01 13:46:42.150
5	5	HairCut	S.todd@nodomain.xyz	Fleet Street barber shop	NULL	2021-03-01 13:46:42.150
6	6	DnDGal	dnd@nodomain.xyz	NULL	NULL	2021-03-01 13:46:42.150

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--User Tag List

	vc_UserTagListID	vc_TagID	vc_UserID
1	5	1	3
2	14	1	4
3	6	1	6
4	3	2	1
5	12	2	3
6	8	2	5
7	2	2	6
8	4	3	2
9	1	3	6
10	9	4	4
11	13	4	5
12	11	5	2
13	7	5	3
14	10	5	6

--User Tags Report

	UserName	EmailAddress	TagText
1	DnDGal	dnd@nodomain.xyz	Games
2	DnDGal	dnd@nodomain.xyz	Personal
3	DnDGal	dnd@nodomain.xyz	Professional
4	DnDGal	dnd@nodomain.xyz	Sports
5	Gordon	sumner@nodomain.xyz	Games
6	Gordon	sumner@nodomain.xyz	Personal
7	Gordon	sumner@nodomain.xyz	Professional
8	HairCut	S.todd@nodomain.xyz	Music
9	HairCut	S.todd@nodomain.xyz	Professional
10	RDwight	rdwight@nodomain.xyz	Professional
11	SaulHudson	slash@nodomain.xyz	Games
12	SaulHudson	slash@nodomain.xyz	Sports
13	TheDoctor	tomBaker@nodomain.xyz	Music
14	TheDoctor	tomBaker@nodomain.xyz	Personal

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SQL Query:

--Adding a row to the vc_Status table

```
INSERT INTO vc_Status (StatusText)
VALUES ('Scheduled')
```

--Adding three rows to the vc_Status table

```
INSERT INTO vc_Status (StatusText)
VALUES ('Started'), ('Finished'), ('On time')
```

--Following line shows all of the rows in vc_Status

```
select * from vc_Status
```

-- Value of vc_UserID for the vc_User with UserName SaulHudson and the vc_StatusID for the vc_Status with a StatusText of Finished.

```
select * from vc_User where UserName= 'SaulHudson'
```

```
select * from vc_Status where StatusText= 'Finished'
```

--Adding a VidCast record to the VidCast table

```
INSERT INTO vc_VidCast (VidCastTitle, StartDateTime, EndDateTime,
ScheduledDurationMinutes, RecordingURL, vc_UserID, vc_StatusID)
VALUES('December Snow', '3/1/2018 14:00', '3/1/2018 14:30', 30, '/XVF1234', 2, 3)
```

--Read all the rows from vc_VidCast

```
Select * from vc_VidCast
```

--Complete Query

Select

```
    vc_User.UserName,
    vc_User.EmailAddress,
    vc_VidCast.VidCastTitle,
    vc_VidCast.StartDateTime,
    vc_VidCast.EndDateTime,
    vc_VidCast.ScheduledDurationMinutes / 60.0 as ScheduledHours,
    vc_Status.StatusText
```

From vc_VidCast

Join vc_User on vc_VidCast.vc_UserID= vc_User.vc_UserID

Join vc_Status on vc_VidCast.vc_StatusID= vc_Status.vc_StatusID

Where vc_User.UserName= 'SaulHudson'

Order by vc_VidCast.StartDateTime

--Correcting a User's UserRegistered Date

```
Update vc_User set UserRegisteredDate= '3/1/2018' where UserName= 'SaulHudson'
```

```
Select * from vc_User where UserName= 'SaulHudson'
```

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--See what rows we have in status
Select * from vc_Status

--Delete the On time status
Delete vc_Status where StatusText= 'On time'
Select * from vc_Status
Part 2

--inserting values into Tags
Insert into vc_Tag (TagText, TagDescription)
Values
(('Personal', 'About people'),
(('Professional', 'Business, business, business'),
(('Sports', 'All manner of sports'),
(('Music', 'Music analysis, news, and thoughts'),
(('Games', 'Live streaming our favorite games')

Select * from vc_Tag
--Insert Users
Insert into vc_User (UserName, EmailAddress, UserDescription)
Values
(('TheDoctor', 'tomBaker@nodomain.xyz', 'The definite article'),
(('HairCut', 'S.todd@nodomain.xyz', 'Fleet Street barber shop'),
(('DnDGal', 'dnd@nodomain.xyz', Null)

select * from vc_User

--User Tags Insert statement
INSERT INTO vc_UserTagList (vc_UserID, vc_TagID)
VALUES ((SELECT vc_UserID FROM vc_User WHERE UserName='DnDGal'), (SELECT
vc_TagID FROM vc_Tag WHERE TagText='Sports')), ((SELECT vc_UserID FROM vc_User
WHERE UserName='DnDGal'), (SELECT vc_TagID FROM vc_Tag WHERE
TagText='Professional')), ((SELECT vc_UserID FROM vc_User WHERE UserName='RDwright'),
(SELECT vc_TagID FROM vc_Tag WHERE TagText='Professional')), ((SELECT vc_UserID
FROM vc_User WHERE UserName='SaulHudson'), (SELECT vc_TagID FROM vc_Tag
WHERE TagText='Sports')), ((SELECT vc_UserID FROM vc_User WHERE
UserName='Gordon'), (SELECT vc_TagID FROM vc_Tag WHERE TagText='Personal')),
((SELECT vc_UserID FROM vc_User WHERE UserName='DnDGal'), (SELECT vc_TagID
FROM vc_Tag WHERE TagText='Personal')), ((SELECT vc_UserID FROM vc_User WHERE
UserName='Gordon'), (SELECT vc_TagID FROM vc_Tag WHERE TagText='Games')),
((SELECT vc_UserID FROM vc_User WHERE UserName='HairCut'), (SELECT vc_TagID
FROM vc_Tag WHERE TagText='Professional')), ((SELECT vc_UserID FROM vc_User
WHERE UserName='TheDoctor'), (SELECT vc_TagID FROM vc_Tag WHERE
TagText='Music')), ((SELECT vc_UserID FROM vc_User WHERE UserName='DnDGal'),
(SELECT vc_TagID FROM vc_Tag WHERE TagText='Games')), ((SELECT vc_UserID FROM

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```
vc_User WHERE UserName='SaulHudson'), (SELECT vc_TagID FROM vc_Tag WHERE  
TagText='Games')), ((SELECT vc_UserID FROM vc_User WHERE UserName='Gordon'),  
(SELECT vc_TagID FROM vc_Tag WHERE TagText='Professional')), ((SELECT vc_UserID  
FROM vc_User WHERE UserName='HairCut'), (SELECT vc_TagID FROM vc_Tag WHERE  
TagText='Music')), ((SELECT vc_UserID FROM vc_User WHERE UserName='TheDoctor'),  
(SELECT vc_TagID FROM vc_Tag WHERE TagText='Personal'))
```

--User Tag List

```
Select * from vc_UserTagList
```

--User Tags Report

```
SELECT  
vc_User.UserName,  
vc_User.EmailAddress,  
vc_Tag.TagText  
FROM vc_UserTagList  
JOIN vc_User on vc_UserTagList.vc_UserID = vc_User.vc_UserID  
JOIN vc_Tag on vc_UserTagList.vc_TagID = vc_Tag.vc_TagID  
ORDER BY vc_User.UserName, vc_Tag.TagText
```