

Course: IST-659  
Name: Sharat Sripada  
Homework #6  
Due Date: 4/7/2020  
Date Submitted: 5/19/2020  
Topic: Lab06 – Physical Design and DDL

## Part 1 – Filling our tables with Data

```
-- Inserting 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, 5)

SELECT * FROM vc_VidCast
```

100 %

Results Messages

	vc_VidCastID	VidCastTitle	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	5

Fig: First Vidcast

```
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
```

100 %

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

Fig: Saul's First VidCast

```
-- Deleting data
SELECT * from vc_Status

DELETE vc_Status WHERE StatusText = 'On time'
-- See the effect of the delete
SELECT * from vc_Status
```

100 %

Results Messages

	vc_StatusID	StatusText
1	5	Finished
2	6	On time
3	1	Scheduled
4	4	Started

  

	vc_StatusID	StatusText
1	5	Finished
2	1	Scheduled
3	4	Started

**Fig:** No more on time

Part 2 – Putting all together

```
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 gamees')

SELECT * from vc_Tag
```

00 %

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 gamees

Fig: 'Tags'

```

((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'))

SELECT * FROM vc_UserTagList

```

.00 %

Results Messages

	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

Fig: 'User Tags Report'