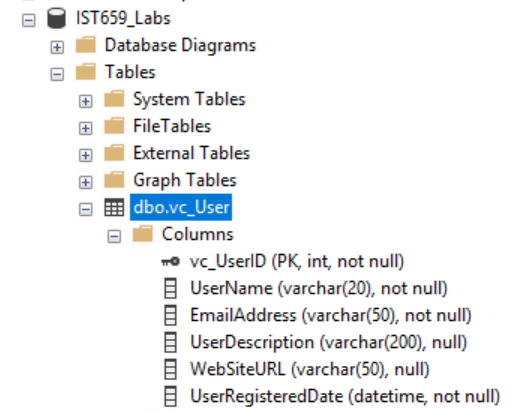
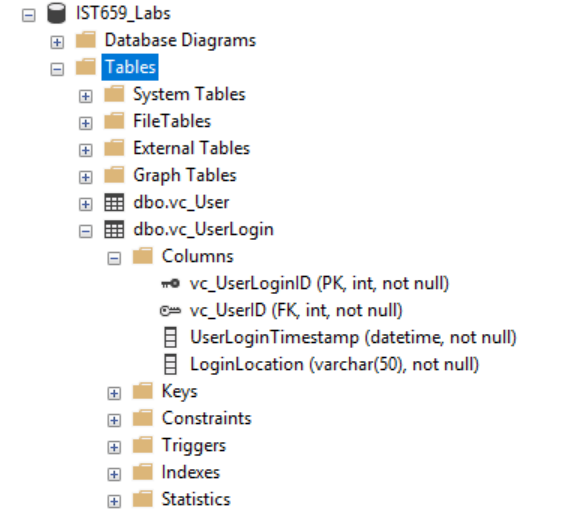
Part 1 – Creating Tables

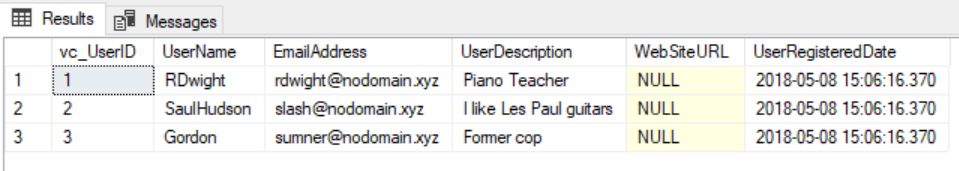
1. User Table



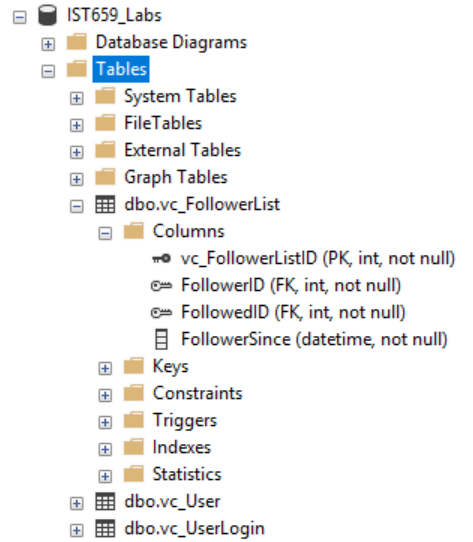
1. User Login Table



1. User records

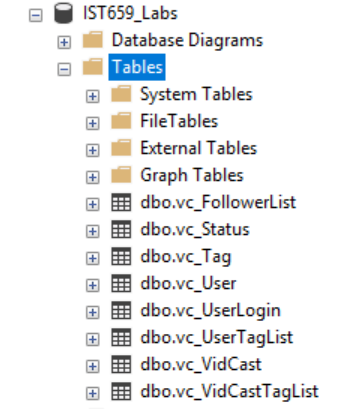


1. User Tables



Part 2 – The Rest of the Tables

1. VidCast tables



1. SQL Query Code
2. /\*
3. Author: Martin Alonso
4. Course: IST659 M407
5. Term: April 2018
6. \*/
7. --Creating the User table
8. CREATE TABLE vc\_User (
9. --Columns for the User table
10. vc\_UserID int identity,
11. UserName varchar(20) not null,
12. EmailAddress varchar(50) not null,
13. UserDescription varchar(200),
14. WebSiteURL varchar(50),
15. UserRegisteredDate datetime not null default GetDate(),
16. --Constraints on the User Table
17. CONSTRAINT PK\_vc\_User PRIMARY KEY (vc\_UserID),
18. CONSTRAINT U1\_vc\_User UNIQUE(UserName),
19. CONSTRAINT U2\_vc\_User UNIQUE(EmailAddress)
20. )
21. --End Creating the User table
22. --Creating the UserLogin table
23. CREATE TABLE vc\_UserLogin (
24. --Columns for the UserLogin table
25. vc\_UserLoginID int identity,
26. vc\_UserID int not null,
27. UserLoginTimestamp datetime not null default GetDate(),
28. LoginLocation varchar(50) not null,
29. --Constraints on the User Login Table
30. CONSTRAINT PK\_vc\_UserLogin PRIMARY KEY (vc\_UserLoginID),
31. CONSTRAINT FK1\_vc\_UserLogin FOREIGN KEY (vc\_UserID) REFERENCES vc\_User(vc\_UserID)
32. )
33. --End Creating the UserLogin table
34. --Adding Data to the user table
35. INSERT INTO vc\_User(UserName, EmailAddress, UserDescription)
36. VALUES
37. ('RDwight', 'rdwight@nodomain.xyz', 'Piano Teacher'),
38. ('SaulHudson', 'slash@nodomain.xyz', 'I like Les Paul guitars'),
39. ('Gordon', 'sumner@nodomain.xyz', 'Former cop')
40. SELECT \* FROM vc\_User
41. --Creating the Follower List table
42. CREATE TABLE vc\_FollowerList (
43. --Columns for the Follower List table
44. vc\_FollowerListID int identity,
45. FollowerID int not null,
46. FollowedID int not null,
47. FollowerSince datetime not null,
48. --Constraints on the Follower List table
49. CONSTRAINT PK\_vc\_FollowerList PRIMARY KEY (vc\_FollowerListID),
50. CONSTRAINT U1\_vc\_FollowerList UNIQUE (FollowerID, FollowedID),
51. CONSTRAINT FK1\_vc\_FollowerList FOREIGN KEY (FollowerID) REFERENCES vc\_User(vc\_UserID),
52. CONSTRAINT FK2\_vc\_FollowerList FOREIGN KEY (FollowedID) REFERENCES vc\_User(vc\_UserID)
53. )
54. --End creating the Follower List table
55. --Creating the Tag table
56. CREATE TABLE vc\_Tag (
57. --Columns for the Tag table
58. vc\_TagID int identity,
59. TagText varchar(20) not null,
60. TagDescription varchar(100)
61. --Constraints on the Tag table
62. CONSTRAINT PK\_vc\_Tag PRIMARY KEY (vc\_TagID),
63. CONSTRAINT U1\_vc\_Tag UNIQUE (TagText)
64. )
65. --End creating the Tag table
66. --Creating the Status table
67. CREATE TABLE vc\_Status (
68. --Columns for the Status table
69. vc\_StatusID int identity,
70. StatusText varchar(20)
71. --Constraints on the Status table
72. CONSTRAINT PK\_vc\_Status PRIMARY KEY (vc\_StatusID),
73. CONSTRAINT U1\_vc\_Status UNIQUE (StatusText)
74. )
75. --End creating the Status table
76. --Creating the VidCast table
77. CREATE TABLE vc\_VidCast (
78. --Columns for the VidCast table
79. vc\_VidCastID int identity,
80. VidCastTitle varchar(50) not null,
81. StartDateTime datetime,
82. EndDateTime datetime,
83. ScheduledDurationMinutes int,
84. RecordingURL varchar(50),
85. vc\_UserID int not null,
86. vc\_StatusID int not null
87. --Constraints on the VidCast table
88. CONSTRAINT PK\_vc\_VidCast PRIMARY KEY (vc\_VidCastID),
89. CONSTRAINT FK1\_vc\_VidCast FOREIGN KEY (vc\_UserID) REFERENCES vc\_User(vc\_UserID),
90. CONSTRAINT FK2\_vc\_VidCast FOREIGN KEY (vc\_StatusID) REFERENCES vc\_Status(vc\_StatusID)
91. )
92. --End creating the VidCast table
93. --Creating the VidCastTagList table
94. CREATE TABLE vc\_VidCastTagList (
95. --Columns for the VidCastTagList table
96. vc\_VidCastTagListID int identity,
97. vc\_TagID int not null,
98. vc\_VidCastID int not null
99. --Constraints on the VidCastTagList table
100. CONSTRAINT PK\_vc\_VidCastTagList PRIMARY KEY (vc\_VidCastTagListID),
101. CONSTRAINT U1\_vc\_VidCastTagList UNIQUE (vc\_TagID, vc\_VidCastID),
102. CONSTRAINT FK1\_vc\_VidCastTagList FOREIGN KEY (vc\_TagID) REFERENCES vc\_Tag(vc\_TagID),
103. CONSTRAINT FK2\_vc\_VidCastTagList FOREIGN KEY (vc\_VidCastID) REFERENCES vc\_VidCast(vc\_VidCastID)
104. )
105. --End creating the VidCastTagList table
106. --Creating the UserTagList table
107. CREATE TABLE vc\_UserTagList (
108. --Columns for the UserTagList table
109. vc\_UserTagListID int identity,
110. vc\_TagID int not null,
111. vc\_UserID int not null
112. --Constraints on the UserTagList table
113. CONSTRAINT PK\_vc\_UserTagList PRIMARY KEY (vc\_UserTagListID),
114. CONSTRAINT U1\_vc\_UserTagList UNIQUE (vc\_TagID, vc\_UserID),
115. CONSTRAINT FK1\_vc\_UserTagList FOREIGN KEY (vc\_TagID) REFERENCES vc\_Tag(vc\_TagID),
116. CONSTRAINT FK2\_vc\_UserTagList FOREIGN KEY (vc\_UserID) REFERENCES vc\_User(vc\_UserID)
117. )
118. --End creating the VidCastTagList table