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| **Project: New Haven Urgent Care Team# 18** | |
|  | **Test Date: 12/11/2018** |
| **Test Case ID#:** 05 | **Name(s) of Tester(s):** Yiping Ren |
| **Test Description (What are you testing? – you must be specific):**  Can a patient have more than one diagnosis per visit? Assume all patients must be given a  Diagnosis. If Num\_of\_DIagonosis is more than one, that means we can receive more than 1 diagnosis.  But we cannot verify "per visit" requirement because there is no date in Diagonosis entity.  However, in our system, patients can't receive more than one diagnosis at all because pid is primary key in receive table. |  |
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**NOTE: The following information must be provided to be given credit for any test.**

**Test Data (Provide the file name of the script used to insert data, provide a screen capture to reflect data, or provide script here):**

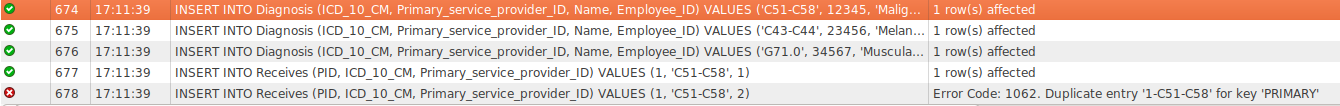
This test also failed because we didn’t have a time value to divide the receives with same PID, ICD\_10\_CM, and Primary\_service\_provider\_ID. Once two receives which all three value got the same, the information of it can’t be existing at same time. To fix it we need to add an attribute of time to the receives entity to record the time information of receives.

This test also failed during insert data. Therefore we don’t have sql query. It can't return duplicate service provider id because we define the PID as unique. We need to delete the unique line before we test.

Filename: test5.sql

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| SET SQL\_SAFE\_UPDATES = 0; |
|  | set foreign\_key\_checks=0; |
|  | DELETE FROM Service\_Provider; |
|  | DELETE FROM Doctor; |
|  | DELETE FROM Physician\_Assisstant; |
|  | DELETE FROM Medical\_record; |
|  | DELETE FROM Diagnose; |
|  | DELETE FROM Consult; |
|  | INSERT INTO Service\_Provider (Employee\_ID, Service\_provider\_ID, name) VALUES (1, 12345, 'Ryan Gosling'); |
|  | INSERT INTO Service\_Provider (Employee\_ID, Service\_provider\_ID, name) VALUES (2, 23456, 'Emma Stone'); |
|  | INSERT INTO Service\_Provider (Employee\_ID, Service\_provider\_ID, name) VALUES (3, 34567, 'Andrew Garfield'); |
|  | INSERT INTO Doctor (Employee\_ID, Service\_provider\_ID) VALUES (1, 12345); |
|  | INSERT INTO Doctor (Employee\_ID, Service\_provider\_ID) VALUES (2, 23456); |
|  | INSERT INTO Physician\_Assisstant (Employee\_ID, Service\_Provider\_ID) VALUES (3, 34567); |
|  | INSERT INTO Medical\_record(Record\_ID, PID, Copays, Total\_cost, Date\_time, Clerk\_id) VALUES (1, 1, 5, 300, '2018-03-04 10:00:00', 1); |
|  | INSERT INTO Medical\_record(Record\_ID, PID, Copays, Total\_cost, Date\_time, Clerk\_id) VALUES (2, 1, 5, 400, '2018-05-14 14:00:00', 2); |
|  | INSERT INTO Medical\_record(Record\_ID, PID, Copays, Total\_cost, Date\_time, Clerk\_id) VALUES (3, 2, 5, 200, '2017-02-04 10:00:00', 1); |
|  | INSERT INTO Medical\_record (Record\_ID, PID, Copays, Total\_cost, Date\_time, Clerk\_id) VALUES (5, 2, 10, 500, '2017-02-04 11:00:00', 1); |
|  | INSERT INTO Medical\_record (Record\_ID, PID, Copays, Total\_cost, Date\_time, Clerk\_id) VALUES (6, 2, 10, 700, '2017-02-04 13:00:00', 1); |
|  | INSERT INTO Medical\_record(Record\_ID, PID, Copays, Total\_cost, Date\_time, Clerk\_id) VALUES (4, 3, 3, 10, '2018-02-04 11:00:00', 3); |
|  | INSERT INTO Diagnose (Record\_ID, Employee\_ID, Service\_Provider\_ID) VALUES (1, 1, 12345); |
|  | INSERT INTO Diagnose (Record\_ID, Employee\_ID, Service\_Provider\_ID) VALUES (2, 1, 12345); |
|  | INSERT INTO Diagnose (Record\_ID, Employee\_ID, Service\_Provider\_ID) VALUES (3, 2, 23456); |
|  | INSERT INTO Diagnose (Record\_ID, Employee\_ID, Service\_Provider\_ID) VALUES (4, 2, 23456); |
|  | INSERT INTO Diagnose (Record\_ID, Employee\_ID, Service\_Provider\_ID) VALUES (5, 3, 34567); |
|  | INSERT INTO Diagnose (Record\_ID, Employee\_ID, Service\_Provider\_ID) VALUES (6, 2, 23456); |
|  | INSERT INTO Consult (Employee\_ID, Service\_provider\_ID, PID) VALUES (1, 12345, 1); |
|  | INSERT INTO Consult (Employee\_ID, Service\_provider\_ID, PID) VALUES (2, 23456, 2); |
|  | INSERT INTO Consult (Employee\_ID, Service\_provider\_ID, PID) VALUES (3, 34567, 2); |
|  | INSERT INTO Consult (Employee\_ID, Service\_provider\_ID, PID) VALUES (2, 23456, 3); |
|  | SET foreign\_key\_checks=1; |
|  | SET SQL\_SAFE\_UPDATES = 1; |

reflect data

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**SQL Query(s) used for testing:**

none