Project: New Haven Urgent Care **Team# 13**

Test Date: 12/10/2020

Test Case ID#: 20

Name(s) of Tester(s): Jingyi Jin

Test Description (What are you testing? – you must be specific):

Test at least two FKs for the cardinality numbers that are on the design document (your choice of Fks) – do we capture the max numbers for the relations?

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):

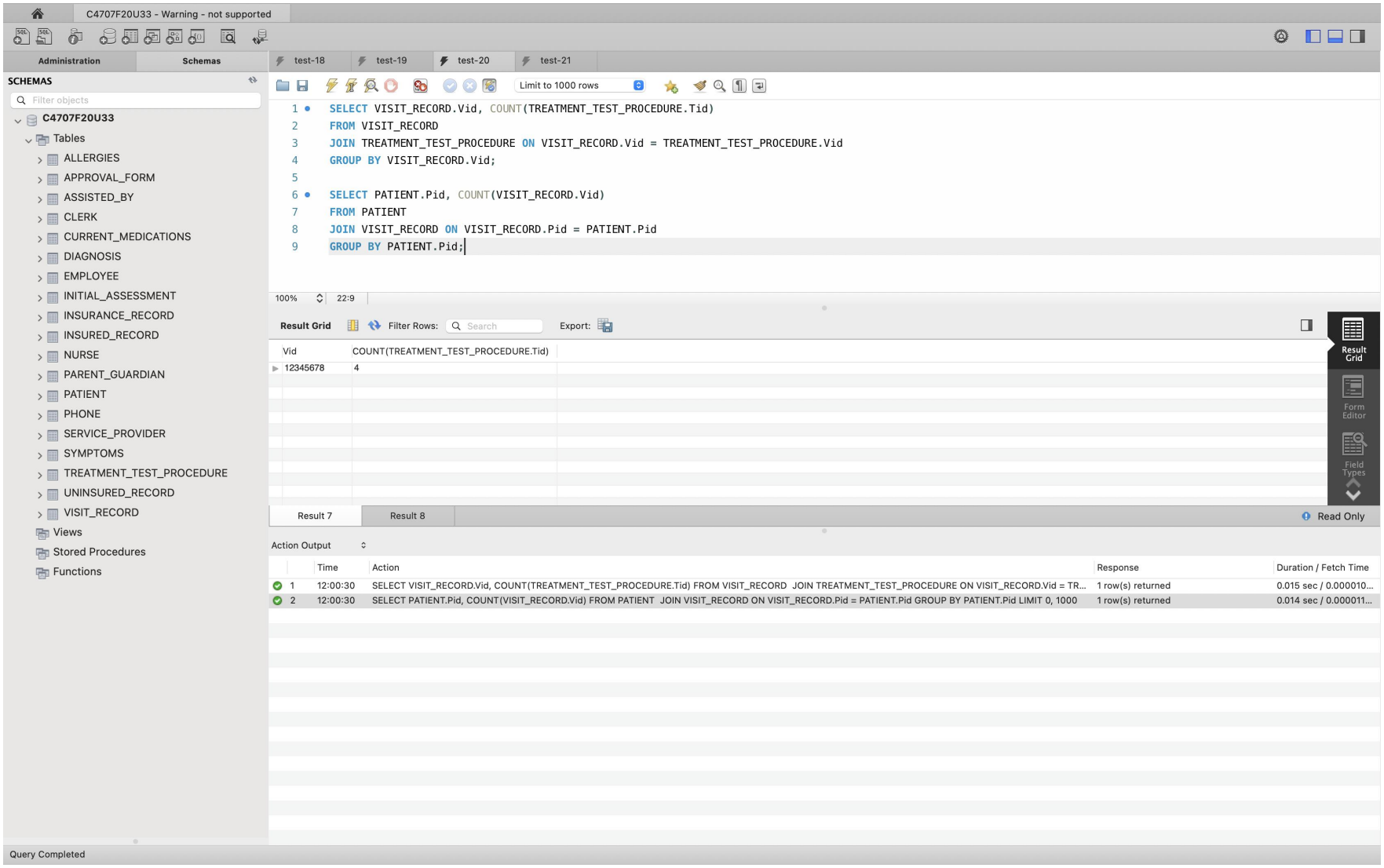
```
-- Insert 2 patients in PATIENT table
INSERT INTO PATIENT(`Pid`,`Fname`,`Lname`,`Address`,`Emergency_contact`,`Birthdate`)
    VALUES('98765432','John','Smith','742 Evergreen Terrace',`5673456789`,`1995-07-08`),
    VALUES('9acf4d31','Bruce','Wayne','1007 Mountain Drive, Gotham',`7351857301`,`2010-12-17`);
```

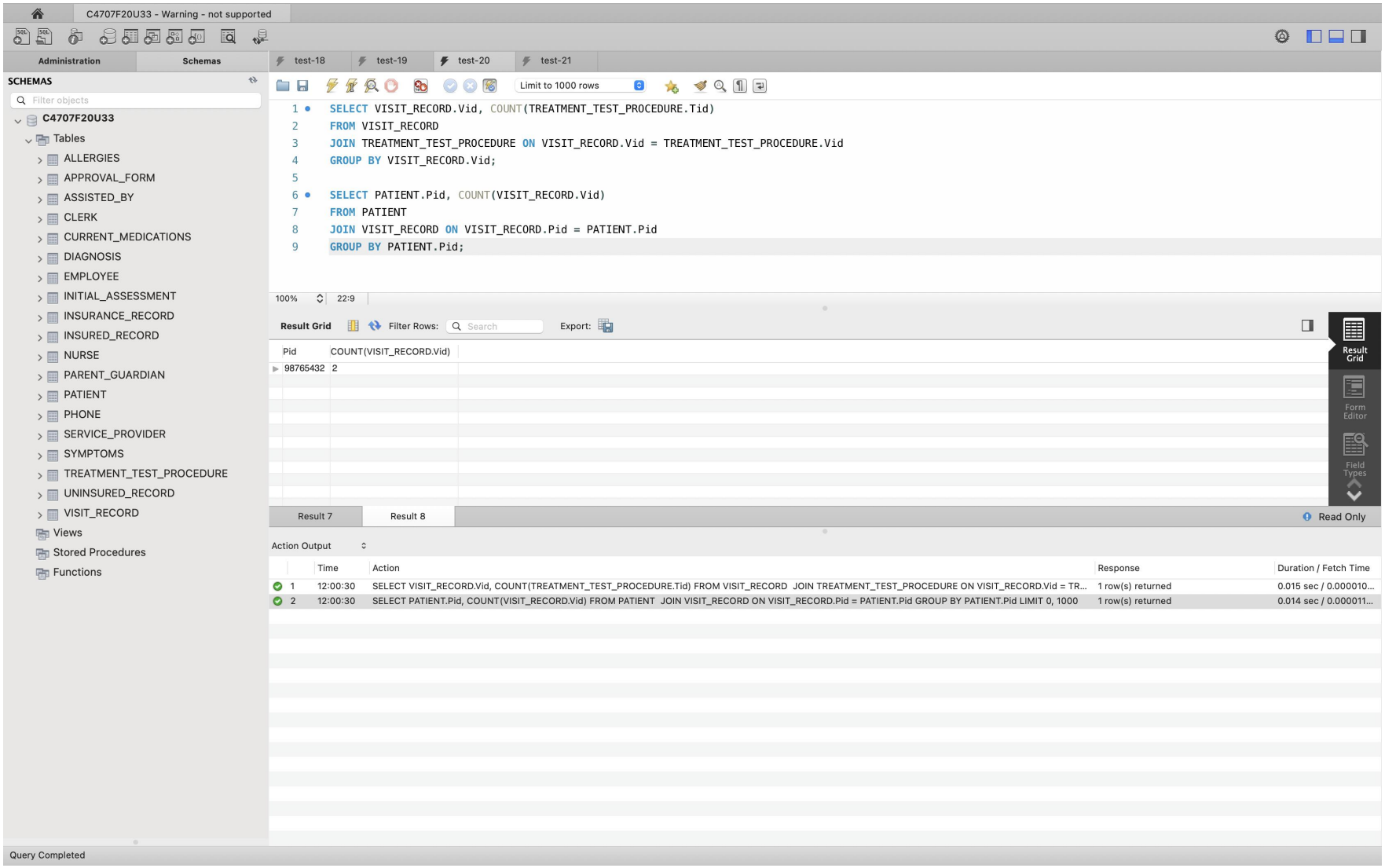
SQL Query(s) used for testing:

```
SELECT VISIT_RECORD.Vid, COUNT(TREATMENT_TEST_PROCEDURE.Tid)
        FROM VISIT_RECORD
        JOIN TREATMENT_TEST_PROCEDURE ON VISIT_RECORD.Vid = TREATMENT_TEST_PROCEDURE.Vid
        GROUP BY VISIT_RECORD.Vid;
```

```
SELECT PATIENT.Pid, COUNT(VISIT_RECORD.Vid)
    FROM PATIENT
    JOIN VISIT_RECORD ON VISIT_RECORD.Pid = PATIENT.Pid
    GROUP BY PATIENT.Pid;
```

To test FK's cardinality, count how many relations certain FK is connecting. For TREATMENT_TEST_PROCEDURE, `Vid` from VISIT_RECORD is the foreign key, and for VISIT-RECORD, `Pid` from PATIENT is the foreign key. Both of them show more than one counts, indicate both of them have 1:N
cardinality.


C4707F20U33 - Warning - not supported
Administration
Schemas
SCHEMAS
Filter objects
C4707F20U33
Tables
ALLERGIES
APPROVAL_FORM
ASSISTED_BY
CLERK
CURRENT_MEDICATIONS
DIAGNOSIS
EMPLOYEE
INITIAL_ASSESSMENT
INSURANCE_RECORD
INSURED_RECORD
NURSE
PARENT_GUARDIAN
PATIENT
PHONE
SERVICE_PROVIDER
SYMPTOMS
TREATMENT_TEST_PROCEDURE
UNINSURED_RECORD
VISIT_RECORD
Views
Stored Procedures
Functions
test-18
test-19
test-20
test-21
Limit to 1000 rows
1 SELECT VISIT_RECORD.Vid, COUNT(TREATMENT_TEST_PROCEDURE.Tid)
2 FROM VISIT_RECORD
3 JOIN TREATMENT_TEST_PROCEDURE ON VISIT_RECORD.Vid = TREATMENT_TEST_PROCEDURE.Vid
4 GROUP BY VISIT_RECORD.Vid;
5
6 SELECT PATIENT.Pid, COUNT(VISIT_RECORD.Vid)
7 FROM PATIENT
8 JOIN VISIT_RECORD ON VISIT_RECORD.Pid = PATIENT.Pid
9 GROUP BY PATIENT.Pid;
100%
22:9
Result Grid
Filter Rows:
Search
Export:
Vid
COUNT(TREATMENT_TEST_PROCEDURE.Tid)
12345678
4
Result Grid
Form Editor
Field Types
Result 7
Result 8
Read Only
Action Output
Time
Action
Response
Duration / Fetch Time
1 12:00:30 SELECT VISIT_RECORD.Vid, COUNT(TREATMENT_TEST_PROCEDURE.Tid) FROM VISIT_RECORD JOIN TREATMENT_TEST_PROCEDURE ON VISIT_RECORD.Vid = TR... 1 row(s) returned 0.015 sec / 0.000010...
2 12:00:30 SELECT PATIENT.Pid, COUNT(VISIT_RECORD.Vid) FROM PATIENT JOIN VISIT_RECORD ON VISIT_RECORD.Pid = PATIENT.Pid GROUP BY PATIENT.Pid LIMIT 0, 1000 1 row(s) returned 0.014 sec / 0.000011...
Query Completed


C4707F20U33 - Warning - not supported
Administration
Schemas
SCHEMAS
Filter objects
C4707F20U33
Tables
ALLERGIES
APPROVAL_FORM
ASSISTED_BY
CLERK
CURRENT_MEDICATIONS
DIAGNOSIS
EMPLOYEE
INITIAL_ASSESSMENT
INSURANCE_RECORD
INSURED_RECORD
NURSE
PARENT_GUARDIAN
PATIENT
PHONE
SERVICE_PROVIDER
SYMPTOMS
TREATMENT_TEST_PROCEDURE
UNINSURED_RECORD
VISIT_RECORD
Views
Stored Procedures
Functions
test-18
test-19
test-20
test-21
Limit to 1000 rows
1 SELECT VISIT_RECORD.Vid, COUNT(TREATMENT_TEST_PROCEDURE.Tid)
2 FROM VISIT_RECORD
3 JOIN TREATMENT_TEST_PROCEDURE ON VISIT_RECORD.Vid = TREATMENT_TEST_PROCEDURE.Vid
4 GROUP BY VISIT_RECORD.Vid;
5
6 SELECT PATIENT.Pid, COUNT(VISIT_RECORD.Vid)
7 FROM PATIENT
8 JOIN VISIT_RECORD ON VISIT_RECORD.Pid = PATIENT.Pid
9 GROUP BY PATIENT.Pid;
100%
22:9
Result Grid
Filter Rows:
Search
Export:
Pid
COUNT(VISIT_RECORD.Vid)
98765432
2
Result Grid
Form Editor
Field Types
Result 7
Result 8
Read Only
Action Output
Time
Action
Response
Duration / Fetch Time
1 12:00:30 SELECT VISIT_RECORD.Vid, COUNT(TREATMENT_TEST_PROCEDURE.Tid) FROM VISIT_RECORD JOIN TREATMENT_TEST_PROCEDURE ON VISIT_RECORD.Vid = TR... 1 row(s) returned 0.015 sec / 0.000010...
2 12:00:30 SELECT PATIENT.Pid, COUNT(VISIT_RECORD.Vid) FROM PATIENT JOIN VISIT_RECORD ON VISIT_RECORD.Pid = PATIENT.Pid GROUP BY PATIENT.Pid LIMIT 0, 1000 1 row(s) returned 0.014 sec / 0.000011...
Query Completed