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| **Project: New Haven Urgent Care Team# 25** | |
|  | **Test Date: 12/13/2020** |
| **Test Case ID#: 20b** | **Name(s) of Tester(s): Amogh Bhagwat, David Nguyen, Grant Colestock, Tony Phan** |
| **Test Description (What are you testing? – you must be specific): This tests the cardinality of the visit/initial assessment relationship is maintained. Namely, visits have a maximum of 1 initial assessment.** |  |
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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):**

INSERT INTO PATIENT (PID, DOB, Fname, Minit, Lname) VALUES ('001', '2020-01-01', 'Adult', 'A', 'Patient');

INSERT INTO EMPLOYEE (EID, SSN, Fname, Minit, Lname) VALUES ('1', '00000000001', 'Clerk', 'A', 'Employee');

INSERT INTO IN\_CLERK (CID, EID) VALUES ('1', '1');

INSERT INTO EMPLOYEE (EID, SSN, Fname, Minit, Lname) VALUES ('2', '00000000002', 'Nurse', 'A', 'Employee');

INSERT INTO NURSE (NID, EID) VALUES ('2', '2');

INSERT INTO VISIT (V\_id, Visit\_time, Initial\_cost, Additional\_cost, Patient\_id, Clerk\_Id) VALUES ('1', '2020-12-01 12:00:00', '100', '0', '001', '1');

INSERT INTO INITIAL\_ASSESSMENT (A\_id, Blood\_pressure, Weight, Height, Pulse, Temperature, Med\_desc, Visit\_Id, Nurse\_Id) VALUES ('1', '120', '140', '68', '50', '97', 'join pain', '1', '2');

INSERT INTO INITIAL\_ASSESSMENT (A\_id, Blood\_pressure, Weight, Height, Pulse, Temperature, Med\_desc, Visit\_Id, Nurse\_Id) VALUES ('2', '130', '150', '70', '60', '98', 'muscle aches', '1', '2');

Note: we expect the second attempt to insert an initial assessment to fail.

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

Note: This test passes if we return the visit with id 1 and assessment count 0.

SELECT V\_id as Visit\_Id, COUNT(INITIAL\_ASSESSMENT.A\_id) as assessmentCount

FROM VISIT

LEFT JOIN INITIAL\_ASSESSMENT ON VISIT.V\_id = INITIAL\_ASSESSMENT.Visit\_Id

GROUP BY VISIT.V\_id