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| **Project: New Haven Urgent Care Team#25** | |
|  | **Test Date: 12/13/2020** |
| **Test Case ID#: 2** | **Name(s) of Tester(s): David Nguyen** |
| **Test Description (What are you testing? – you must be specific):** This tests if a patient who is a legal adult (someone who is at least 18 years old) is able to make a visit and have a guardian associated with that visit.  This also checks if there is still a guardian associated with a patient that has visited before as a minor but is now currently a legal adult. |  |
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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 ('000', '2000-01-01', 'Adult', 'A', 'Patient');

INSERT INTO `EMPLOYEE` (`EID`, `SSN`, `Fname`, `Minit`, `Lname`) VALUES ('1', '00000000000', 'Clerk', '1', 'Employee');

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

-- Patient makes a visit with a guardian while they're a minor

INSERT INTO `VISIT` (`V\_id`, `Visit\_time`, `Initial\_cost`, `Additional\_cost`, `Patient\_id`, `Clerk\_Id`)

VALUES ('1', '2017-12-01 12:00:00', '100', '0', '000', '1');

INSERT INTO GUARDIAN (G\_id, Visit\_Id) VALUES (39, 1);

-- Is there still a guardian associated with the patient if they make a visit while they're over 18?

INSERT INTO `VISIT` (`V\_id`, `Visit\_time`, `Initial\_cost`, `Additional\_cost`, `Patient\_id`, `Clerk\_Id`)

VALUES ('2', '2018-01-01 12:00:00', '100', '0', '000', '1');

-- Can a adult have a guardian associated with their visit?

INSERT INTO `PATIENT` (`PID`, `DOB`, `Fname`, `Minit`, `Lname`)

VALUES ('001', '2001-01-01', 'Adult2', 'A', 'Patient');

INSERT INTO `VISIT` (`V\_id`, `Visit\_time`, `Initial\_cost`, `Additional\_cost`, `Patient\_id`, `Clerk\_Id`)

VALUES ('3', '2020-12-01 12:00:00', '100', '0', '001', '1');

INSERT INTO GUARDIAN (G\_id, Visit\_Id) VALUES (40, 3);

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

If the requirement was met, then there should be no guardian returned with the patient 0’s second visit. In addition, the guardian insert for patient 01 should fail or there should be no guardian returned.

SELECT PID, V\_id, Age, G\_id FROM

(

SELECT PATIENT.PID, V\_id, FLOOR(DATEDIFF(VISIT.Visit\_time, PATIENT.DOB)/365) as Age

FROM PATIENT, VISIT

WHERE PATIENT.PID = VISIT.Patient\_id

) as PATIENT\_VISIT\_AGE

LEFT OUTER JOIN GUARDIAN ON GUARDIAN.Visit\_Id = PATIENT\_VISIT\_AGE.V\_id;

**Result**

