|  |  |
| --- | --- |
| **Project: New Haven Urgent Care Team#25** | |
|  | **Test Date: 12/07** |
| **Test Case ID#: 1** | **Name(s) of Tester(s): Alex** |
| **Test Description (What are you testing? – you must be specific):**  Pulling all patients that have a parent guardian attached to them as well as their parents information. | Does you design capture the requirement that all patients under the of 18 must have a parent or guardian in the system? |
|  |  |

**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\_PATIENT.sql

INSERT\_PARENT\_GUARDIAN.sql

INSERT\_PARENT\_GUARDIAN\_FOR.sql

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

select p.FName, p.LName, pg.FName, pg.LName

from PATIENT as p, PARENT\_GUARDIAN as pg, PARENT\_GUARDIAN\_FOR as pgf

where p.PID = pgf.PID AND pg.PGID = pgf.PGID

**Results of SQL Query:**

'Jack', 'Dong', 'Baloo', 'Baloo'

'Alex', 'Seletskiy', 'Liz', 'Guimont'

Explanation:

No, our system does not pass this test. First, our design forgot to include the Date of Birth of a patient. We would first have to include that before being able to add any Assertions or Checks that would be need to required so that the DOB can be check, and a parent/guardian required if under 18 and so a parent cannot be inserted without a patient under 18 as well. Currently, it is not handled by the database. Inserting a patient and a parent, and assigning them to each other works through PARENT\_GUARDIAN\_FOR. Though in implementing the SQL, we did not set both the PID and PGID as primary key in the PARENT\_GUARDIAN\_FOR sql, only the PID, so a patient can only have one parent while a parent can have many patients assigned to them as long as no other parent is attached to them already. We had that in our mapping and diagram, but that did not transfer over to the SQL.