|  |  |
| --- | --- |
| **Project: New Haven Urgent Care Team# 24** | |
|  | **Test Date: 12/11/19** |
| **Test Case ID#: 14** | **Name(s) of Tester(s): Matthew Jurek** |
| **Test Description (What are you testing? – you must be specific): Testing to see if an initial assessment can be completed by only one nurse.** |  |
|  |  |

**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):**

**DELETE FROM INITIAL\_ASSESSMENT WHERE TRUE;**

**DELETE FROM PATIENT WHERE TRUE;**

**DELETE FROM FORM WHERE TRUE;**

**DELETE FROM NURSE WHERE TRUE;**

**DELETE FROM INTAKE\_CLERK WHERE TRUE;**

**DELETE FROM DEPARTMENT WHERE TRUE;**

**INSERT INTO PATIENT(PATIENT\_ID, FNAME, MNAME, LNAME, STREET, CITY, STATE, ZIP, DOB, GUARDIAN\_ID)**

**VALUES(1, 'Matthew', 'D', 'Jurek', '20th', 'Minneapolis', 'MN', 55414, DATE'1997-03-17', NULL);**

**INSERT INTO DEPARTMENT(DNO,DNAME)**

**VALUES(1,'Main');**

**INSERT INTO INTAKE\_CLERK(INTAKE\_EMPLOYEE\_ID, FNAME, MNAME, LNAME, PAYSCALE, SALARY, DNO)**

**VALUES(1,'A','B','C', NULL, 0, 1);**

**INSERT INTO NURSE(NURSE\_EMPLOYEE\_ID, FNAME, MNAME, LNAME, SERVICE\_ID, SSN, PAYSCALE, SALARY, DNO)**

**VALUES(1, 'Matt', 'E', 'F', 1, 1240101, NULL, 0, 1);**

**INSERT INTO NURSE(NURSE\_EMPLOYEE\_ID, FNAME, MNAME, LNAME, SERVICE\_ID, SSN, PAYSCALE, SALARY, DNO)**

**VALUES(2, 'Abby', 'I', 'J', 2, 540101, NULL, 0, 1);**

**INSERT INTO FORM(FORM\_ID, F\_DATE, CLERK\_ID)**

**VALUES(1, DATE'2019-12-11', 1);**

**INSERT INTO INITIAL\_ASSESSMENT(ASSESSMENT\_ID, HEIGHT, WEIGHT, BLOOD\_PRESSURE, TEMPERATURE, FORM\_ID, NURSE\_EMPLOYEE\_ID)**

**VALUES(1, '6 ft', NULL, '120/59', NULL, 1, 1);**

**INSERT INTO INITIAL\_ASSESSMENT(ASSESSMENT\_ID, HEIGHT, WEIGHT, BLOOD\_PRESSURE, TEMPERATURE, FORM\_ID, NURSE\_EMPLOYEE\_ID)**

**VALUES(2, '6 ft', NULL, '120/59', NULL, 1, 2);**

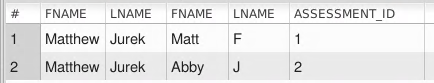
**SQL Query(s) used for testing:**

**SELECT PATIENT.FNAME, PATIENT.LNAME, NURSE.FNAME, NURSE.LNAME, INITIAL\_ASSESSMENT.ASSESSMENT\_ID**

**FROM NURSE, PATIENT, INITIAL\_ASSESSMENT**

**WHERE NURSE.NURSE\_EMPLOYEE\_ID = INITIAL\_ASSESSMENT.NURSE\_EMPLOYEE\_ID**

**RESULT:**



**DISCUSSION:**

Our database is not able to meet this requirement as seen by the multiple nurses attached to a patient. The initial assessment is the only way to test to see if you can attach multiple nurses onto the same patient. We can solve this issue by making the assessment id be a foreign key to the form id from the form relation and removing the form id column from the initial assessment table. That is the assessment id is the corresponding form id. This way there can only be on initial assessment per form, enforcing that only one nurse can be on any initial assessment.