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

Test Date: 12/10/2020

Test Case ID#: 9   **Name(s) of Tester(s): Dmitri Ivanov**

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

Is it possible for employees other than the service provider to put a diagnosis on a patient?

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):

```
86      -- testing nurse
87  •⊖ INSERT INTO DIAGNOSIS VALUES (
88         '7632915',
89         'SOME ILLNESS ',
90         '76329159',
91         '76329159',
92         '77777777'
93     );
94 ☒  Error Code: 1452. Cannot add or update a child row: a foreign key constraint fails (`new haven care`.`diagnosis`, CONSTRAINT `diagnosis_ibfk_2` FOREIGN KEY (`Sid`) REFERENCES `servi
95
96      -- testing service provider
97   ⊖ INSERT INTO DIAGNOSIS VALUES (
98         '6478245',
99         'SOME ILLNESS',
100        '64782456',
101        '75697467',
102        '77777777'
103    );
104     -- testing clerk
105 •⊖ INSERT INTO DIAGNOSIS VALUES (
106        '7569245',
107        'SOME ILLNESS ',
108        '75692456',
109        '77365419',
110        '77777777'
111    );
112 ☒  Error Code: 1452. Cannot add or update a child row: a foreign key constraint fails (`new haven care`.`diagnosis`, CONSTRAINT `diagnosis_ibfk_2` FOREIGN KEY (`Sid`) REFERENCES `servi
113
```

The errors after trying to run the clerk and nurse show that those types of employees are not able to directly access the diagnosis.

SQL Query(s) used for testing:

```sql
32
33      -- dmitri
34 • ⊖ INSERT INTO EMPLOYEE VALUES (
35          '12345678',
36          '566247823' ,
37          'DMITRI' ,
38          'IVANOV'
39      );
40      -- pam
41 • ⊖ INSERT INTO EMPLOYEE VALUES (
42          '77365419',
43          '387519673' ,
44          'PAM' ,
45          'BEASLEY'
46      );
47      -- alex
48 • ⊖ INSERT INTO EMPLOYEE VALUES (
49          '17894563',
50          '824561975' ,
51          'ALEX' ,
52          'IVANOV'
53      );
54      -- ryan
55 • ⊖ INSERT INTO EMPLOYEE VALUES (
56          '45612987',
57          '751469358' ,
58          'RYAN' ,
59          'TEMPE'
60      );
61      -- jim
62 • ⊖ INSERT INTO EMPLOYEE VALUES (
63          '45678321',
64          '369517536' ,
65          'JIM' ,
66          'IVANOV'
67      );
68      -- dwight
69 • ⊖ INSERT INTO EMPLOYEE VALUES (
70          '75697467',
71          '378617516' ,
72          'DWIGHT' ,
73          'SCHRUTE'
74      );
```

```sql
77
78      -- dmitri
79 • ⊖ INSERT INTO CLERK VALUES(
80          '12345678'
81      );
82
83      -- pam
84 • ⊖ INSERT INTO CLERK VALUES(
85          '77365419'
86      );
87
88      -- alex
89 • ⊖ INSERT INTO NURSE VALUES(
90          '17894563'
91      );
92
93      -- ryan
94 • ⊖ INSERT INTO NURSE VALUES(
95          '76329159'
96      );
97
98      -- jim
99 • ⊖ INSERT INTO SERVICE_PROVIDER VALUES(
100         '45678321'
101     );
102
103     -- dwight
104 • ⊖ INSERT INTO SERVICE_PROVIDER VALUES (
105         '75697467'
106     );
```