

Project: New Haven Urgent Care

Team#

Test Case ID#: 17

Test Date: 12/5/2020

Name(s) of Tester(s):

John Hendrickson

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

Are we able to review vitals as defined on the write up through queries for a given visit.

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):

test_17_vitals.sql

SQL Query(s) used for testing:

```
select Height, Weight, Blood_pressure, Temperature, Pulse
from INITIAL_ASSESSMENT as I, VISIT_RECORD as V
where I.Aid = V.Aid;
```

Results

Result Grid   Filter Rows: <input type="text"/>						Export:
#	Height	Weight	Blood_pressur	Temperature	Pulse	
1	200.00	75.00	145	98.6	100	
2	200.00	75.00	145	98.6	100	

This query show that we can retrieve vitals from a visit record.

Second script

```
insert into VISIT_RECORD
```

```
values ('12345679', '12345678', null, '98765432');
```

Results

Action Output ▼					
	#	Time	Action	Message	Duration / Fetch
✖	1	21:26:40	insert into VISIT_RECORD values ('12345679', '12345678',...	Error Code: 1048. Column 'Aid' cannot be null	0.00028 sec

This script demonstrates that that a visit record **MUST** contain an assessment id, which in turn must contain vitals, as shown next.

Third script

```
insert into INITIAL_ASSESSMENT
```

```
values ( '12345679', 200, 75, null, 98.6, 100, '22222222');
```

Results:

Action Output ▼					
	#	Time	Action	Message	Duration / Fetch
✔	1	21:56:24	insert into INITIAL_ASSESSMENT values ('12345672', 200,...	1 row(s) affected	0.0012 sec

This test shows that blood pressure can be null in an initial assessment. The same is true for the rest of the vital values.

To fix this I added the following commands

```
alter table INITIAL_ASSESSMENT modify Height float(8,2) not null;
```

```
alter table INITIAL_ASSESSMENT modify Weight float(8,2) not null;
```

```
alter table INITIAL_ASSESSMENT modify Blood_pressure float(8,2) not null;
```

```
alter table INITIAL_ASSESSMENT modify Temperature float(8,2) not null;
```

```
alter table INITIAL_ASSESSMENT modify Pulse float(8,2) not null;
```