

Project: New Haven Urgent Care

Team#4

Test Case ID#: 3

Test Date: 12-12-2019

Name(s) of Tester(s): Jian Wang

Test Description (What are you testing? – you must be specific):
the system document when a person does not have insurance

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):

No Insurance:

insert into PATIENT

values ('tody', null, 'wmag', 'Minnesota', null, null, '1212234', '2010-6-11', '10');

Having Insurance:

insert into PATIENT

values ('1','June', null, 'Amdrew', 'Minnesota', null, null, '1212235', '2010-7-11', '10');

insert into PARENT_GUARDIAN

values ('11','papa','p','pe','washton', null,null);

insert into RELATE

values ('11','1');

Insert into INSURANCE

values ('111', '11', '2019-12-12', '1');

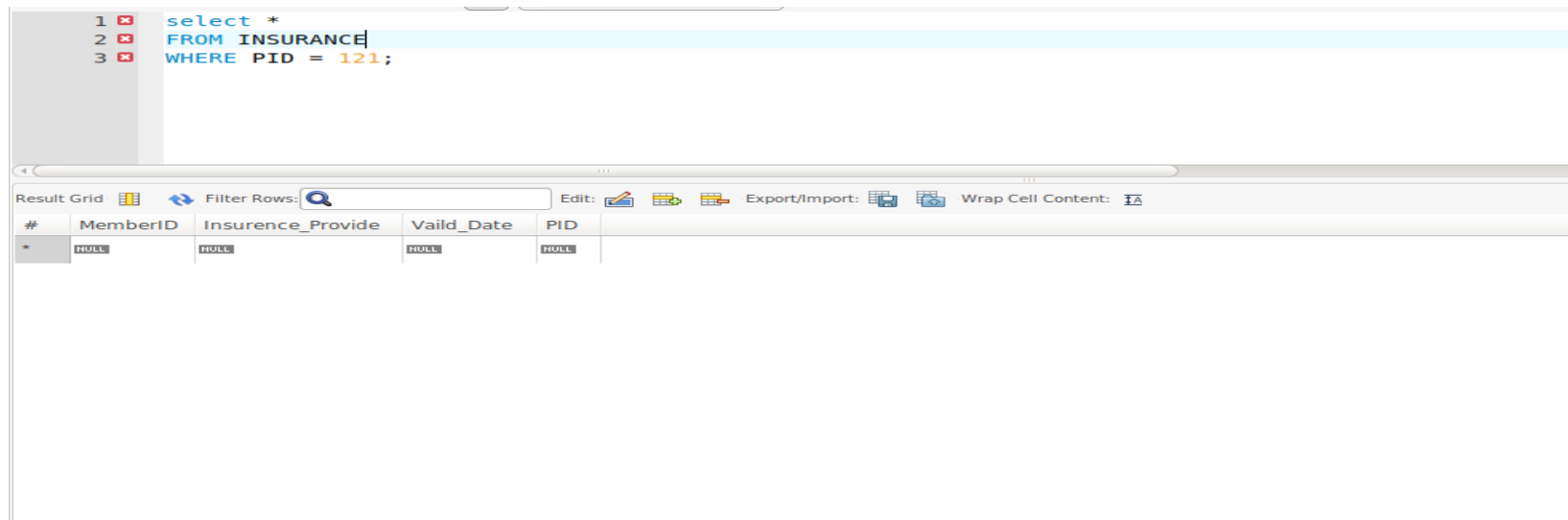
SQL Query(s) used for testing:

select *

FROM INSURANCE

where PID = 121;

The graph below shows the patient whose patient id is 121, he don't have a insurance. The system return null.



The screenshot shows a database query tool interface. The top section displays a SQL query with three lines: `select *`, `FROM INSURANCE`, and `WHERE PID = 121;`. The bottom section shows the results in a table with the following columns: #, MemberID, Insurance_Provide, Vaild_Date, and PID. The first row of data shows all values as NULL.

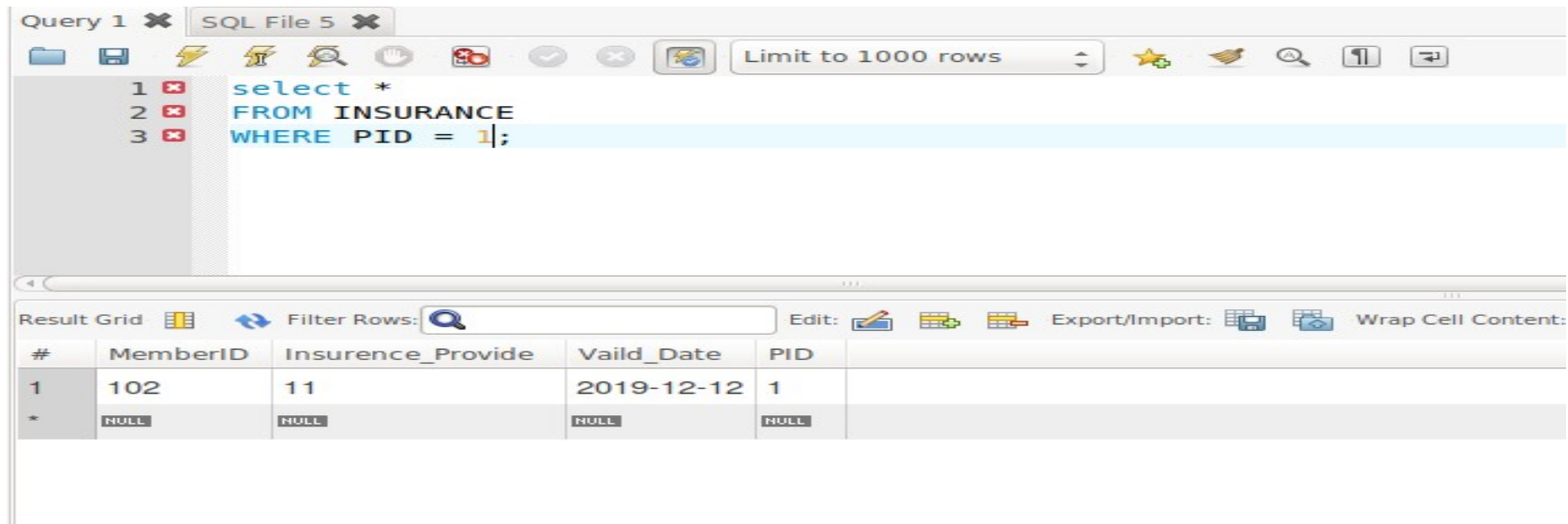
#	MemberID	Insurance_Provide	Vaild_Date	PID
*	NULL	NULL	NULL	NULL

select *

FROM PATIENT

WHERE PID = 1;

this graph shows that the patient whose patient id is 1, he have insurance. The system return INSURANCE table.



The screenshot shows a SQL query editor window titled 'Query 1' and 'SQL File 5'. The query is: `select *
FROM INSURANCE
WHERE PID = 1;`. The results are displayed in a 'Result Grid' with the following columns: #, MemberID, Insurance_Provide, Vaild_Date, and PID. The first row shows a patient with MemberID 102, Insurance_Provide 11, Vaild_Date 2019-12-12, and PID 1. A second row with an asterisk in the first column shows NULL values for all other columns.

#	MemberID	Insurance_Provide	Vaild_Date	PID
1	102	11	2019-12-12	1
*	NULL	NULL	NULL	NULL

Our design has satisfy the requirement. There are two situations in this case. One is no insurance, another one is have insurance. For no insurance, I simply insert a patient who name is tody to PATIENT table without any other information such as parent/guardian, insurance and relate. Therefore, there is only null will be returned.

For having insurance case, there several foreign keys need to complete. Table INSURANCE need a foreign key from Table PARENT/GUARDIAN. And table RELATE also have foreign key form PARENT and PATIENT. So, I insert PATIENT and PARENT/GUARDIAN's data first, due to they have no foreign key. Then I insert RELATE and INSURANCE. This time, all foreign keys are complete so it return a table with data.