***LAB. Project Report***

Firstly we created a table named DRUGS. The first column is called DRUG\_ID which is a primary key so it has to be unique in numbers. The second column will be called DRUG\_NAME which has been identified with varchar with a size of 200, and it can’t be null.

Then we proceed to insert data into drugs table, with an id and name.

We created the second table called INSURENCE\_TYPES. The first column is TYPE\_ID which is a number and primary key, the second column is TYPE\_NAME which has a size of 200 and designated with varchar and it can’t have null value and last column of this table is going to be DISCOUNT\_PERCENTAGE which is a number and can’t be null.

Then we altered the table INSURANCE\_TYPES to insert the data.

We created the the third table named patients we have 5 columns in this table these are PATIENT\_ID, NAME, PHONE, EMAIL,ADDRESS with their respective data types.

Again we started to alter the table we’ve just created however, this time we added constraints, first one is email check to see if the input is an email or not and the second constraint checks the phone number if its length 10 or not.

As the third table we created another table for doctors and with the same way we inserted our data and added constraints for doctor email and doctor phone number length.

Our fifth table is called VISITS, we have 6 columns called VISIT\_ID, DOCTOR\_ID, PATIENT\_ID,TYPE\_ID, VISIT\_DATE, VISIT\_TIME respectively. This time we connected this table to two other tables, one of the connections is DOCTORS, we connected them using the DOCTOR\_ID primary key. The other connection is made with PATIENTS table using PATIENT\_ID primary key.

Using these methods we created COMMENTS and VISIT\_DRUGS, tables as well.