Comp 1630

Relational Database Design & SQL

EXERCISE 2

1. Copy the database you created previously into a file called **A00123456_Ex2**

2. Create queries that fulfill the following requirements:

    a. View A - Patient List containing
    - Patient Id
    - Patient Name
    - Patient Phone
    - Next-of-Kin Name
    - Next-of-Kin Phone
    - Physician Name
    - Medical Plan Name

    b. View B - Physician List containing
    - Physician Id
    - Physician Name
    - Physician Phone
    - Hospital Name

    c. View C - Operation Schedule containing
    - Operation Id
    - Operation Date
    - Operation Time
    - Procedure Name
    - Patient Name
    - Physician Name
    - Hospital Name

3. Import the data to populate the database. Under the *External Data* tab, select *Excel* and navigate to the source file location. Import the individual spreadsheets into temporary tables. Once all the data has been imported, select the *columns* you need, *copy and paste* them into the appropriate tables you created in Exercise 1. *You may encounter errors when you do this. Why?*

4. Run your views. Then compare your results against the data list to verify that the correct patient is being operated on by his physician, in the correct hospital, and undergoing the proper procedure.

5. Submit the PDF image of your work in the D2L Ex2 drop box.