Assignment #2

Due Date: Nov 9, 2017, 8am on Blackboard.
                     Class demo: Nov 9, according to your section.

Purpose: The purpose of this lab assignment is to:
* Develop Android Apps using Data and Storage API

References: Textbook, ppt slides and Android tutorials
                     (http://developer.android.com/guide/topics/data/data-storage.html,
                     http://developer.android.com/guide/topics/data/data-storage.html#db). This
                     material provides the necessary information that you need to complete the
                     exercises.

Be sure to read the following general instructions carefully:
          - This assignment **is an individual assignment.**
          - You will have to **demonstrate your solution in a scheduled lab session** and upload the
          solution on blackboard.

Exercise 1

Write an Android application that allows the nurses to keep track of various tests performed on
patients in a hospital daily. This application could be used by doctors and nurses in hospitals or
testing centers. Use SQLite classes to create and manipulate application's database. Create the
following tables:

Patient	**Test**	**Nurse**	**Doctor**
patientId	testId	nurseId	doctorId
firstname	patientId	firstname	firstname
lastname	BPL	lastname	lastname
department	BPH	department	department
doctorId	temperature		
room			

Add more fields to Test table, to describe **other medical tests**.

Allow the nurses/doctors to **login** and **enter test** information for a patient. Create another activity
that allows nurses to **enter patient** data. Allow the nurses/doctors to **display test information**
for a given patient. Allow the nurses to **display patient information**. Provide a friendly and easy
to navigate UI.

                                                                                                              (20 marks)

Evaluation:
          Functionality: 40% (live demo)
          Friendliness: 10% (live demo)
          Code quality: 50% (checked separately by your instructor)
          Total: 100%