**Requirements That Will Be Reviewed and Graded**

In this task, you are going to write SQL queries to test your database design to check whether the requirements of New Haven Urgent Care are satisfied or not. You are required to provide a SQL query for each test case along with test date and report whether your database design success or fail and discuss why. Note: no points will be given if there is no discussion and/or no explanation for each test case.

**Submission Requirement:**

1. You will be responsible for generating your data to answer all test cases.
2. The report must be self-contained and you must use the testing log template provided to you. Remember you must:
   1. Write the SQL.
   2. Show result.
   3. Explain and discuss.
3. All SQL scripts must be provided either on the log itself or in a separate file. You must indicate the name of the script(s) on the test log.
4. All data files and scripts must be provided (see the log for instructions).

**Requirements That will Be Graded for Testing**

1. Does you design capture the requirement that all patients under the of 18 must have a parent or guardian in the system?
2. Does your design capture the requirement that a patient over the age of 18 does not have a parent or guardian?
3. Does the system document when a person does not have insurance? This could be a new situation after having insurance.
4. Does your design capture the insurance information for each visit?
5. Can a patient be seen by only one service provider per visit?
6. Can a patient be seen by different service providers on different visits?
7. Can a patient have more than one diagnosis per visit?
8. Does every visit have at least one diagnosis?
9. Can only service providers make a diagnosis(es)?
10. Does the system properly document followup tests/procedures with proper coding?
11. Does the system document what intake clerk collected the insurance information and the copay?
12. Does a visit allow for only one initial assessment to be completed?
13. Does the system allow the patient to visit the urgent care more than one time?
14. Do initial assessments have the nurse’s information associated with it? Can we retreive the nurse’s information?
15. Can a nurse do initial assessments for multiple patients?
16. Can an initial assessment be complete by only one nurse?
17. Are we able to review the vitals as defined on the writeup of the patient through queries for a given visit?
18. Can service providers request more than one test/procudure per visit?
19. Can there be no tests/procedures for a patient for a given visit?
20. Test at least two FKs for the cardinality numbers that are on the design document (your choice of Fks) – do we capture the max numbers for the relations?
21. You should have two tests to test two primary keys or other keys. (your choice of PKs or keys)