**CSCI 4125/5125 Course Project**

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**Project Description**

**Introduction.** This project contains a database for a hospital. You and a teammate will work together (optional) to develop this database throughout the semester.

**Objective.** You will build a relational database starting from a written set of business requirements. You will write SQL queries and Java applications to interact with your database.

**Team Organization.** You have the option to form a team of two people. Both team members must work on the database, and each team member will submit their own work. Therefore, your grade will not be dependent on your teammate. If you do work with a team member, you must include their name on each of your submissions.

**Phases.** There is a total of six phases in this project. Each phase will focus on a different course topic. Phase topics are as follows:

1. E-R Modeling

2. E-R Mapping

3. Introductory SQL

4. Intermediate SQL

5. PL/SQL

6. JDBC & Normalization

**Grading & Submissions.** Each of the six phases will require a submission worth a total of 40% of the course grade. The lowest two scores will be dropped for CSCI 4125 student (i.e., the four graded submissions will be worth 10% each). The lowest score will be dropped for CSCI 5125 students (i.e., the five graded submissions will be worth 8% each). Note that many of the phases will depend on each other. Therefore, if you skip a submission, it is your responsibility to catch up with the material.