**Strong Entity Sets**

Staff(Staff ID, Name)

Doctor(Doctor ID, Doctor Name)

Patient(Patient ID, Patient Name, Address, Phone, OHIP #, SIN)

**Relationship Sets**

Doctor-Staff(Doctor ID, Staff ID, Permission)

Visitation Record(Patient ID, Doctor ID, Date, Visit Length, Procedures, Diagnosis, Freeform Comments, Prescription, Surgery, Treatment Scheduling)

**Questions**

**What are the Entity-Relationship (E-R) diagrams for the application?**

See other files with the diagrams.

**What was the initial design of the database schemas (based on the E-R diagrams)?**

**What constraints (i.e. security, flexibility, ease of use, etc.) were considered?**

**What were the superkeys, functional dependencies identified?**

**What decomposition techniques were employed (BCNF, 3NF, etc.)?**

**What is the final database design - what are the schema definitions and tables in your design. For this part to minimize your work you can provide the schema definitions using the SQL create table clause. Here, you identify all attributes, the domain for each attribute, the primary key, any foreign keys and any constraints on the values for any of the attributes. Justify any foreign keys.**

**Describe how you are planning to implement the Audit Trail (History of changes).**

**Describe how you will handle access rights.**

**What development environment will you be using to implement the project? We supply only Java and MySQL. If you plan to use some other environment (e.g. Microsoft J++, ...) or some other SQL server, then how are you planning to demo your final project? Short paragraph.**