**Medical Clinic Information System Project Description**

**Our Medical Clinic Information system provides a link between Doctors, Patients, and Clinic staff. It allows Doctors to quickly find information about patients, and update info such as prescriptions, referrals, appointments, etc. It also connects Administrative staff to their employees and Doctor’s practices, with management of salaries and payroll, and patient files. Doctors can also access a list of medications to prescribe, or a list of referrals or procedures to book for a patient (i.e. x ray or pap smear). The referral would include type of referral, specialist doctors available, phone number for their office, address.**

**A Doctor would have attributes such as list of patients, name, password, email, username, salary, employee number, schedule. There would also be other employee types such as Administrator, or Receptionist. The receptionist and Admin would have attributes such as name, password, email, username, salary, employee number, schedule.**

**A patient would have attributes like patient number, full name, OHIP number, prescriptions, DOB, address, phone number, previous and future appointments, information record.**

**The pharmacy entity used by the doctors will be used to provide a complete prescription to the patient as well as the inventory availability in pharmacies nearby. A pharmaceutical would have attributes like supplier, name of medication, recommended dosage, weight, quantity.**

**The salary entity is used to pay the employees of the clinic by hours or work periods recorded by the receptionist/ admin. After the information is processed, it would be used to pay the appropriate funds to the employees directly in their accounts every selected period of time.**