COMP 353 – ASSIGNMENT 3 – KEVIN MCALLISTER (40031326)

Q1.

**TABLES:**

**TREATMENT** (disease, medication)

**PERSON** (SSN, first\_name, last\_name, phone, email, address, city, province)

**PATIENT** (patient\_id, SSN)

**DOCTOR** (doctor\_id, SSN, disease\_of\_specialization)

**TREATED** (doctor\_id, patient\_id, date, procedure, diagnostic)

**RELATIONS:**

**PATIENT** can suffer from many **DISEASES**

**DISEASES** can have many **MEDICATIONS**

**DISEASE** and **DISEASE\_OF\_SPECIALIZATION** have the same domain

**PROCEDURE** can be (consultation, intervention, surgery, etc)

**DIAGNOSTIC** can be the **DISEASE** or intervention type.

**SOLUTIONS (RELATIONAL ALGEBRA):**

1. **DOCTOR** who do not suffer from any **DISEASE**