In this assignment, you have to create and ER Diagram and list out the relationships between the three tables containing sample data shown below based on a few business rules.

Here are the business rules:

- The Patients table stores data for individual patients. Each row represents a unique patient.

- The Health_conditions table stores data for a unique disease/health condition. Each row is unique and condition cannot be repeated in this table. However, multiple patients can have same health conditions.

- The Patient_Address table stores the address for each patient. Each address can belong to multiple patients e.g. People from a family will have the same address.

Based on the above business rules, create appropriate relationships between the tables shown below. You can create new tables (*to break any many to many relationships that may arise due to business rules*) or add new columns to the existing tables to establish the relationships. Please ensure that each table has a unique primary key that is not repeating and relationships are established by creating a Primary Key - Foreign key relationship.

Patients

Patient_Id	Patient_Last_Name	Patient_First_Name
1	Smith	John
2	Smith	Jane
3	Vandelay	Art
4	Dover	Ben

Health_Conditions

Condition_Id	Condition
1	Right Leg fracture
2	COPD
3	Aneurysm
4	Vein Thrombosis
5	Upper Respiratory Infections
6	Headache
7	Confusion

Patient_Address

Address_Id	Street_Address	City	Province
1	2449 Algoma St	Thunder Bay	ONTARIO
2	327 Avenue Rd	North york	ONTARIO
3	222 Hardwood Road	Etobicoke	ONTARIO
4	11 Maven Avenue	Toronto	ONTARIO