

## **Relation Dictionary**

**Relationship:** Creates

**Description:** A pharmaceutical company can create many company drugs. Many company drugs are created by a pharmaceutical company.

**Entities:** Company Drug, Pharmaceutical Company

**Cardinality:** 1:N

**Relationship:** Fulfills

**Description:** A pharmacy can fulfill many prescriptions. Many prescriptions are fulfilled by a pharmacy.

**Entities:** Pharmacy, Prescription

**Cardinality:** 1:N

**Relationship:** Has

**Description:** A patient can have many prescriptions. There are many prescriptions that can be owned by a patient.

**Entities:** Prescription, Patient

**Cardinality:** 1:N

**Relationship:** Has

**Description:** A patient can have many appointments. There are many appointments that a single patient can have.

**Entities:** Patient, Appointment

**Cardinality:** 1:N

**Relationship:** Has the properties of

**Description:** Many company drugs have the property of a generic drug. A generic drug can have the properties of many company drugs.

**Entities:** Company Drug, Generic Drug

**Cardinality:** 1:N

**Relationship:** Holds

**Description:** A clinic facility holds many appointments. There are many appointments that are held by a clinic.

**Entities:** Clinic, Appointment

**Cardinality:** 1:N

**Relationship:** Interacts with

**Description:** A generic drug interacts with many generic drugs. Many generic drugs interact with a generic drug.

**Entities:** Generic Drug, Generic Drug

**Cardinality:** 1:N

**Relationship:** Is for

**Description:** A company drug is for many different prescriptions. There are several prescriptions that are for a company drug.

**Entities:** Company Drug, Prescription

**Cardinality:** 1:N

**Relationship:** Possesses

**Description:** Many pharmacies can be in possession of many different drugs. Many company drugs can be possessed by many different companies.

**Entities:** Pharmacy, Company Drug

**Cardinality:** M:N

**Relationship:** Prescribe(s)

**Description:** A medical professional can prescribe many prescriptions. Many prescriptions are prescribed by a medical professional.

**Entities:** Prescription, Medical Professional

**Cardinality:** 1:N

**Relationship:** Provides

**Description:** A hospital can provide many surgeries. There are many surgeries that are provided by a hospital.

**Entities:** Hospital, Surgery

**Cardinality:** 1:N

**Relationship:** Provides

**Description:** An urgent care facility can provide many walk-ins. There are many walk-ins that are provided by an urgent care facility.

**Entities:** Urgent Care, Walk-in

**Cardinality:** 1:N

**Relationship:** Receive

**Description:** A patient can receive many surgeries. There are many surgeries that can be received by a single patient.

**Entities:** Patient, Surgery

**Cardinality:** 1:N

**Relationship:** Treats

**Description:** There are many medical professionals that treat many different patients. Many patients can be treated by many medical professionals.

**Entities:** Medical Professional, Patient

**Cardinality:** N:M

**Relationship:** Work(s) at

**Description:** There can be many medical professionals that work at different medical facilities. There are many medical facilities where many medical professionals work.

**Entities:** Medical Professional, Medical Facility

**Cardinality:** N:M