In Class Exercise 1: Business Rule, Entities & Relationship

1. Translating the following business rules for the ProdCocompany into data model components:

a. Each sales representative writes many invoices.

b. Each invoice is written by one sales representative.

c. Each sales representative is assigned to one department.

d. Each department has many sales representatives.

e. Each customer can generate many invoices.

f. Each invoice is generated by one customer.

1. Typically, a hospital patient receives medications that have been ordered by a particular doctor. Because the patient often receives several medications per day, there is a 1:M relationship between PATIENT and ORDER. Similarly, each order can include several medications, creating a 1:M relationship between ORDER and MEDICATION.

a. Identify the business rules for PATIENT, ORDER, and MEDICATION.

1. The Tiny College relational diagram shows the initial entities and attributes for the college.



Identify each relationship type and write all of the business rules