

Class Exercise – 2.3

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Submission: Save this Word document with your answers as a PDF file and upload the PDF file to Canvas.

ProdCo Design

Create a Crow's Foot ERD to include the following business rules for the ProdCo company:

- 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. What are the entities?
 - a. Sales representative
 - b. Invoice
 - c. Department
 - d. Customer
 2. What are the relationships between the Entities?
 - a. The relationship between SALES REP and INVOICE is 1:M (one to many)
 - b. The relationship between DEPARTMENT and SALES REP is 1:M (one to many)
 - c. The relationship between CUSTOMER and INVOICE is 1:M (one to many)
 3. Draw the ERD

