



CIS 3730

Conceptual Modeling Example:
Company-Consultant

Problem Description

A company is identified by a company ID and described by its company name and the type of industry in which it exists. A company hires consultants, identified by a consultant id and described by consultant name and specialty. Assume that a consultant can work for only one company at a time. We need to keep track of consulting engagements. The hourly rate the consultant charges may differ, depending upon the company.

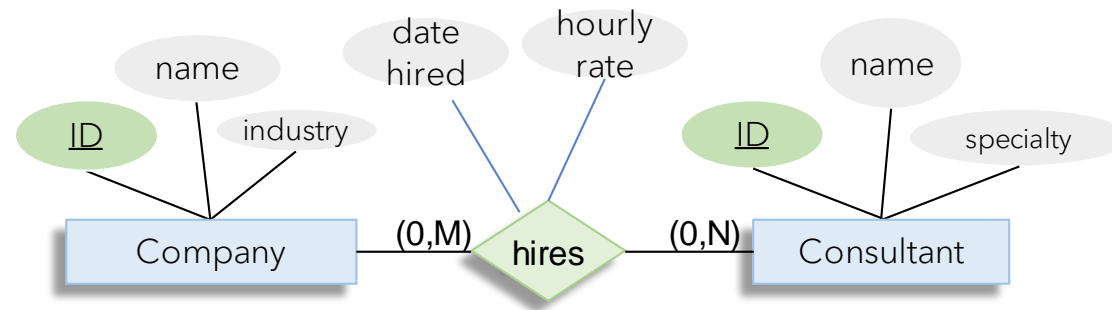
Problem Description

A company is identified by a company ID and described by its company name and the type of industry in which it exists. A company hires consultants, identified by a consultant id and described by consultant name and specialty. Assume that a consultant can work for only one company at a time. We need to keep track of consulting engagements over time. The hourly rate the consultant charges may differ, depending upon the company.

What might be “tricky” about modeling this problem?

Ans. The fact that the fee of the consultants can vary depending upon the engagement.

Conceptual Model: Chen Notation



A company is identified by a company ID and described by its company name and the type of industry in which it exists. A company hires consultants, identified by a consultant id and described by consultant name and specialty. Assume that a consultant can work for only one company at a time. we need to keep track of consulting engagements. the hourly rate the consultant charges may differ, depending upon the company.

