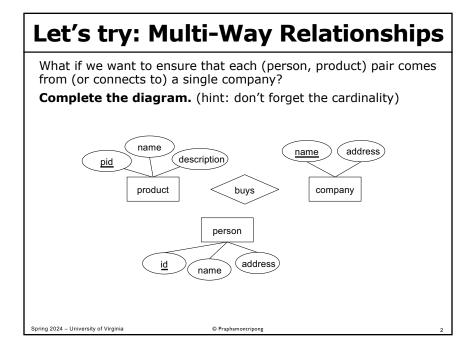
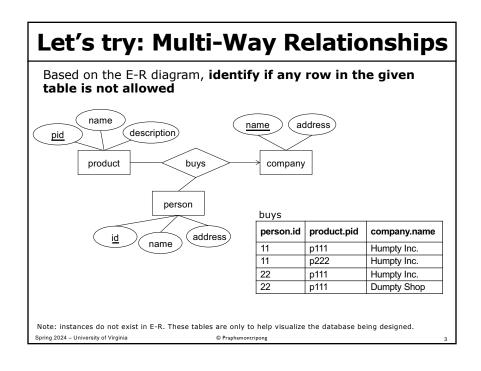
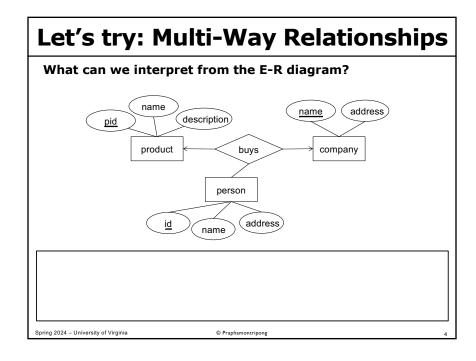
Let's try: Self-Referential Given the following E-R diagram. Come up with an example that can be represented by the diagram. vendor vendor product

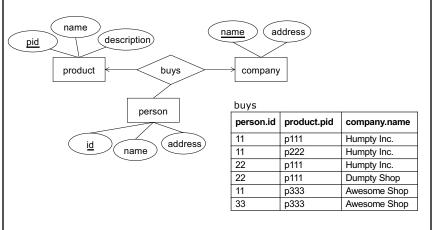






Let's try: Multi-Way Relationships

Based on the E-R diagram, identify if any row in the given table is not allowed



Note: instances do not exist in E-R. These tables are only to help visualize the database being designed. Spring 2024 – University of Virginia © Praphamontripong

Let's try (2): Weak Entity Set

Draw an E-R diagram for the following scenario

Assume that the teaching evaluations of faculty members are conducted by the Dean's office, and the ratings are stored in the database.

A faculty can be identified by his/her facId. There is additional information maintained for a faculty – (you come up with a few attributes to describe a faculty; e.g., name, ...).

For simplicity, assume a single rating is given for each evaluation so that an evaluation entity has attributes date, rater, and rating.

Since there might be several instances with identical values of all three attributes, an Evaluation entity must be associated with the correct Faculty instance to have meaning.

Spring 2024 - University of Virginia

© Praphamontripong

Let's try (1): Weak Entity Set What can be concluded from the following E-R diagram?

