

Section 5 Design

RELATIONSHIP TRANSFERABILITY

If a relationship can be moved between instances of the entities it connects, it is said to be:

Transferrable

A non-transferable relationship is represented by which of the following symbols?

Diamond

Non-transferable relationships can only be mandatory, not optional. True or False?

True

RELATIONSHIP TYPES

Which of the following pairs of entities is most likely to be modeled as a M:M relationship?

STUDENT and CLASS

CAR and DRIVER

When resolving an M:M relationship, the new relationships will always be _____ on the many side.

Mandatory

If the same relationship is represented twice in an Entity Relationship Model, it is said to be:

Redundant

Many to many relationships between entities usually hide what?

Another entity

What uncommon relationship is described by the statements: "Each LINE must consist of many POINTS and each POINT must be a part of many LINES"

Many to Many Mandatory

When are relationships unnecessary?

When you can derive the relationship from other relationships in the model

Which of the following are relationship types?

Many to Many

One to Many

RESOLVING MANY-TO-MANY RELATIONSHIPS

Many-to-Many relationships are perfectly acceptable in a finished ERD. There is no need to do any more work on them. True or False?

False

If an intersection entity is formed that contains no attributes of its own, its uniqueness may be modeled by

Barring the relationships to the original entities.

When you resolve a M-M by creating an intersection entity, this new entity will always inherit:

A relationship to each entity from the original M-M.