Cardinality Notation

Cardinality is read as the ratio of related parent and child entity instances. The cardinality ratio for the parent entity depends on whether the relationship is mandatory (one or more) or optional (zero or more). IDEF1X Notation supports four different cardinality ratios for the child entity: zero-or-more, one-or-more (P), zero-or-one (Z), and exactly N (N). The IDEF1X notation is illustrated below:

Identifying Relationship  Non-Identifying Relationship

See Also

Relationships