One to One

Required

Optional

A

B

One to Many

Required

Optional

A

B

Many to Many

Required
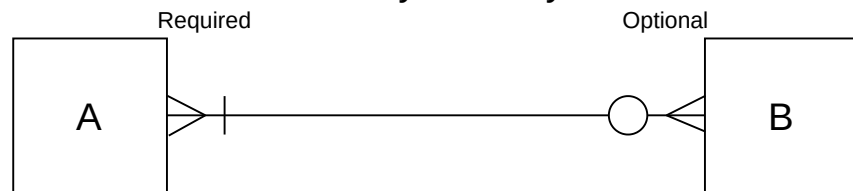
Optional

A

B

Cardinality is the number of objects on each side of a relationship; it's indicated by the vertical bar (one) or crow's foot (many) closest to the object.

Modality is whether or not an object is required in the relationship; it's indicated by the O (optional) or vertical bar further away from the object (after the cardinality.)