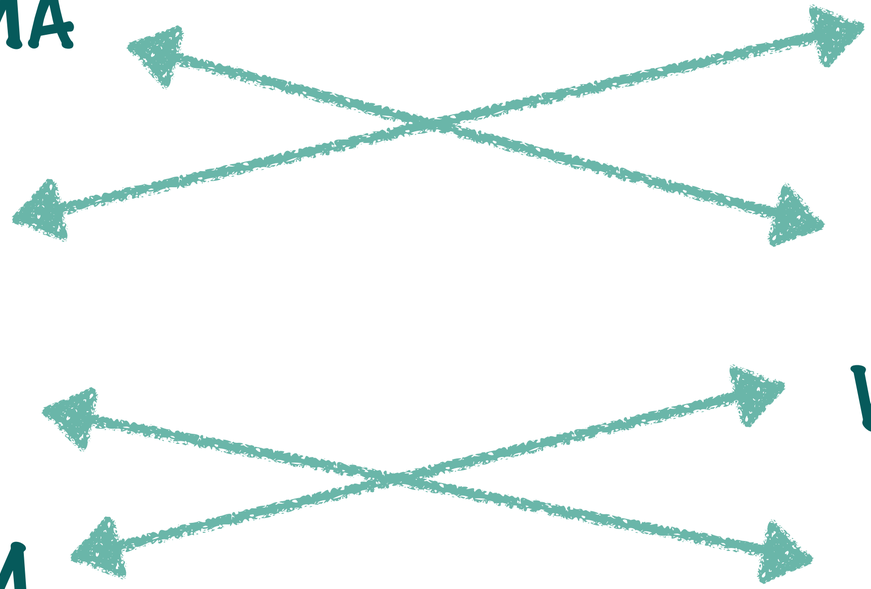
MARRIED TO

ENTITY SET X		ENTITY SET Y
BARACK OBAMA		ANGELINA JOLIE
BRAD PITT		MICHELLE OBAMA
BILL CLINTON		VICTORIA BECKHAM
DAVID BECKHAM		HILLARY CLINTON



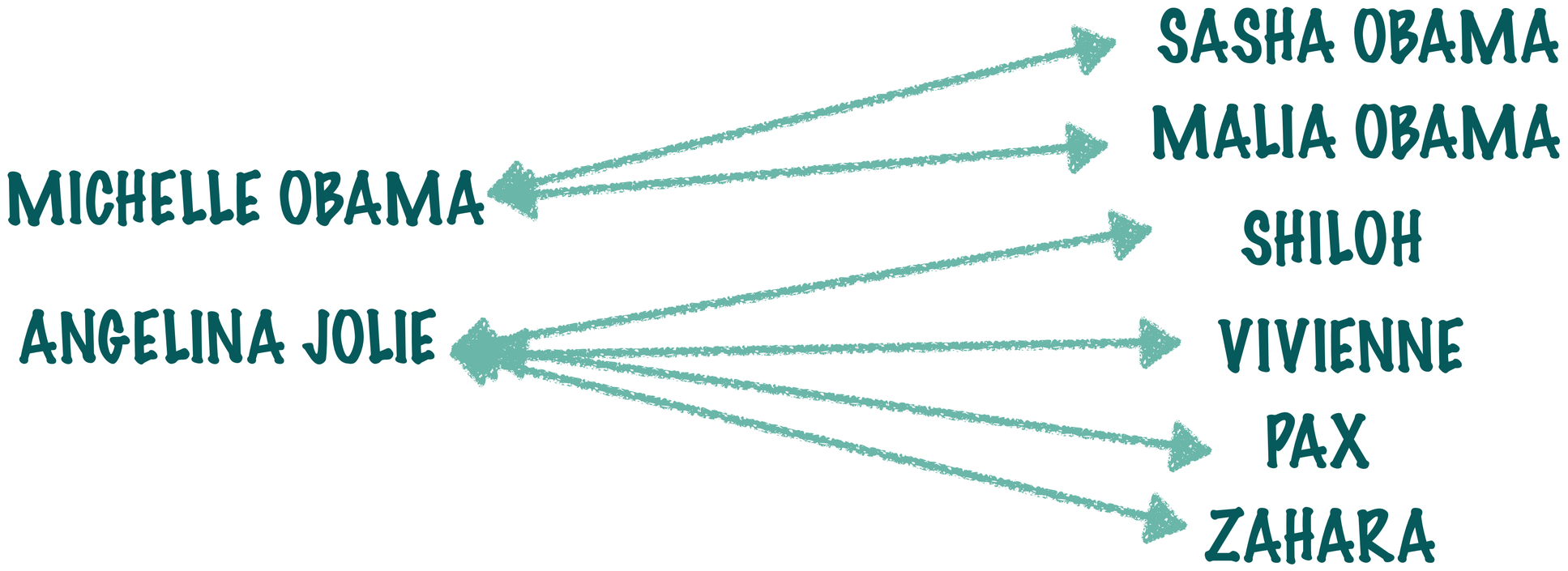
1:1 RELATIONSHIP

Only one entity from entity set X can be associated with
at most one entity from entity set Y and vice versa

ENTITY SET X

HAVE CHILDREN

ENTITY SET Y



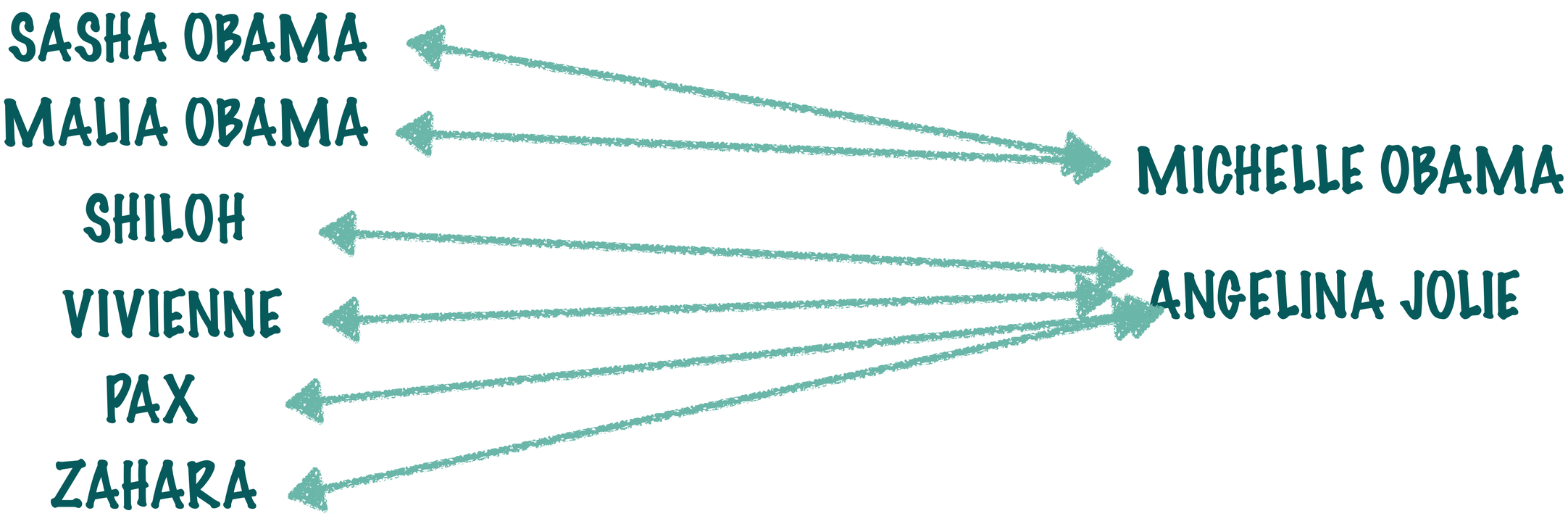
1:MANY RELATIONSHIP

One entity from entity set X can be associated with more than one entity from set Y but an entity from set Y can be associated with only one entity from set X

MOTHER OF

ENTITY SET X

ENTITY SET Y



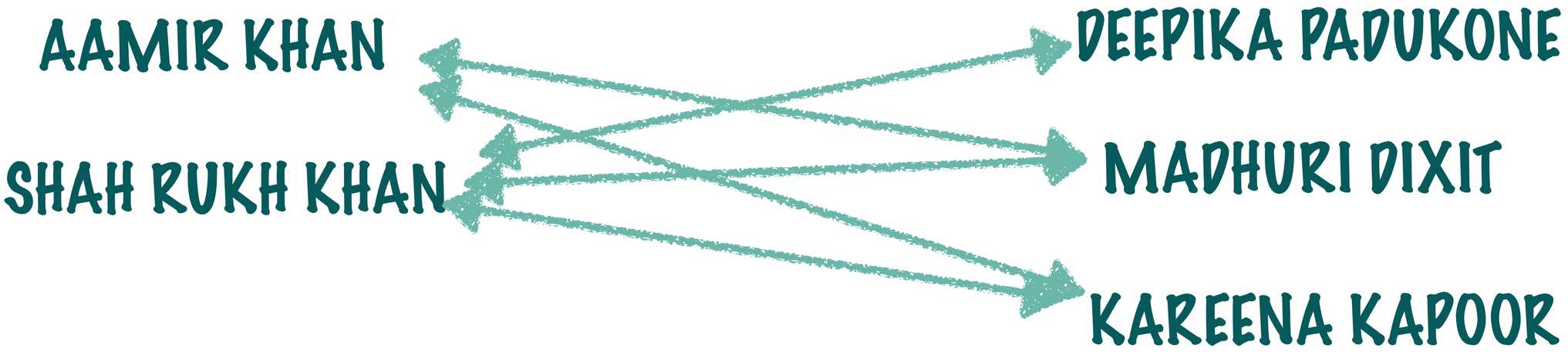
MANY:1 RELATIONSHIP

More than one entity from set X can be associated with at most one entity from set Y but an entity from set Y can be associated with more than one entity from set X

ACTED WITH

ENTITY SET X

ENTITY SET Y



MANY:MANY RELATIONSHIP

One entity from set X can be associated with more than one entity from set Y and vice versa

RELATIONSHIPS

1:1

1: MANY

MANY: 1

MANY: MANY

CARDINALITY OF RELATIONSHIPS

Cardinality defines the number of entities in one entity set which can be associated with a number of entities in another entity set via a relationship set