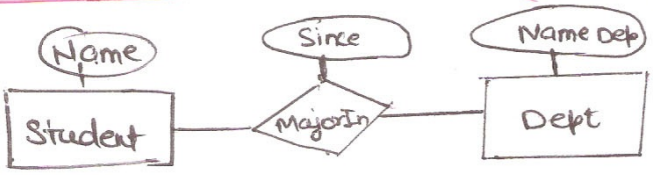
Relationship Sets - Keys As primary key of an entity set allows us to distinguish among the various entities of the set. So we also need a similar mechanism to distinguish among the various relationships of a relationship set.

Let R be a Relationship set involving Entities sets $E_1, E_2, E_3 \ldots E_n$. Let primary key (E_i) denotes the set of attributes that forms the set of attributes that forms the primary key for entity set(E_i).

** → Assume the attributes names of all primary keys are unique, and each entity set participates only once in the relationship

→ Then the composition of the primary key for a Relation Ship set depends on the set of attributes associated with the relationship set R.

As a Relationship can also have (Zero- More) attribute.



Here Since is an attribute of Relationship MajorIn.

like 'John majors in "CS" since 2000

→ If Relationship set R has no attributes associated with it, then the set of attributes

Primary-key(E_1) ∪ primary-key(E_2) ∪ ..... ∪ primary-key(E_n)

describes an individual Relationship in set R.