In a relational database, we use .... when there is a situation where some entities in a table do not participate in any relationship in the relationship set:

Select one:

- ○ Disjoint Specialization
- ● Partial Participation
- ○ Overlapping Specialization
- ○ Total Participation
- ○ Strong Entity Set

  Clear my choice

All the following statements about weak and strong entity sets are True, Except:

Select one:

○ PK of the strong entity set is not explicitly stored with the weak entity set

○ An entity set that does not have a primary key is referred to as a weak entity set

● The PK of the weak entity set is only formed by the primary key of the strong entity set

○ In ER-Diagram, the identifying relationship of a weak entity in represented as a double diamond

○ The weak entity set depends on the existence of the strong entity set

Clear my choice

Question 4

Not yet
answered

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3.00

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question

Based on the following Table, which of the following choices is the Primary key

Adv_ID	Stu_ID	Adv_Name	Adv_Office	Stu_Name
1	1	Jude	1-a	Jack
1	2	Jude	1-a	Bell
2	3	Tom	1-b	Sam
2	4	Tom	1-b	George
3	2	Sam	1-c	Bell
3	4	Sam	1-c	Sam

Select one:

○ Adv_ID

○ Adv_ID , Stu_ID

○ Adv_ID , Stu_ID, Adv_Name

○ Adv_ID , Stu_ID, Adv_Name, Adv_Office, Stu_Name

○ Adv_ID , Stu_ID, Adv_Name, Adv_Office

We create new relation and include PK of the entity type as FK twice when we:

Select one:

- ○ Map Binary Many-to-Many Relationship
- ○ Map Unary Many-to-Many Relationship
- ○ Map Unary One-to-Many Relationship
- ○ Map Binary one-to-Many Relationship

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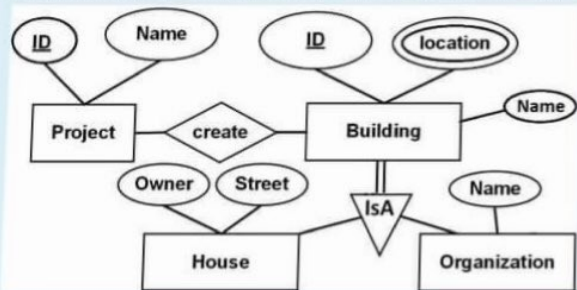Include the PK of an entity as a foreign key within the same entity is done when we:

Select one:
- ● Map Binary one-to-Many relationship
- ○ Map Unary one-to-one relationship
- ○ Map Binary many-to-many relationship
- ○ Map Binary one-to-one relationship

Clear my choice

How many relations will result after mapping the following ERD, and how many attribute the 'House' relation will have ?

Select one:

O Overall there will be Six relations, and the House relation will have Five attributes

O Overall there will be Five relations, and the House relation will have Three attributes

O Overall there will be Six relations, and the House relation will have Three attributes

O Overall there will be Four relations, and the House relation will have Four attributes

O Overall there will be Five relations, and the House relation will have Four attributes

All the following statements about weak and strong entity sets are True, Except:

Select one:

○ PK of the strong entity set is not explicitly stored with the weak entity set

○ The PK of the weak entity set is only formed by the primary key of the strong entity set

○ The weak entity set depends on the existence of the strong entity set

○ An entity set that does not have a primary key is referred to as a weak entity set

○ In ER-Diagram, the identifying relationship of a weak entity in represented as a double diamond

In a relationship, when a primary key from one entity is also defined as a field in a second entity, this field in the second entity is referred as ....

Select one:

- ○ Candidate key
- ○ Foreign Key
- ○ Partial Key
- ○ Primary Key
- ○ Combined Key

By normalizing the following Invoice Data **into 3rd Normal Form, how many** relations will be in 2nd and 3rd Normal Forms

INVOICE

INVOICE NO: 125
DATE: September 13, 2002

To:
Foo, Inc.
23 Main St.
Thorpleburg, TX

Customer No. __56__

QUANTITY	ITEM ID	DESCRIPTION	UNIT PRICE	AMOUNT
4	563	56" Blue Freen	3.50	$14.00
32	851	Spline End (Xtra Large)	.25	$8.00
5	652	3" Red Freen	12.00	$60.00
			TOTAL DUE	$82.00

Select one:
- ○ Three relations in 2nd NF and Four relations in 3rd NF
- ○ Two relations in 2nd NF and Four relations in 3rd NF
- ○ One relation in 2nd NF and Three relations in 3rd NF
- ○ None of the given options
- ○ Two relations in 2nd NF and Three relations in 3rd NF
- ○ One relation in 2nd NF and Two relations in 3rd NF
- ○ Four relations in 2nd NF and Five relations in 3rd NF

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A business rule which states that an employee may supervise several projects is an example of:

Select one:

- ○ Composite
- ○ Unary relationship
- ○ Incomplete
- ○ None of the given options
- ○ Binary relationship