



In the 3 Schema Architecture, the people who create the layout for the database are found at which level?

A : External Level

B : Conceptual Level

C : Internal Level

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Assume we are creating an ER diagram for a system where a customer can rent a car. We only store information about a customer if he/she has rented at least one car and the customer can only rent one car at a time. We need to store the date the car was rented. What type of relationship would you make the relationship "CURRENTLY RENTING"

A : One to One

B : One to Many

C : Many to Many

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Answer is one to one



Assume we are creating an ER diagram for a system where a customer can rent a car. We only store information about a customer if he/she has rented at least one car and the customer can only rent one car at a time. We need to store the date the car was rented. What type of relationship would you make the relationship "HAS RENTED"

A : One to One

B : One to Many

C : Many to Many

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Assume we are creating an ER diagram for a system where a customer can rent a car. We only store information about a customer if he/she has rented at least one car and the customer can only rent one car at a time. We need to store the date the car was rented. What type of participation does CAR have in the relationship "CURRENTLY RENTING"

A : Partial

B : Total

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If we are keeping track of which degree a potential job candidate has, we would make Candidate an entity and we would make Degree a

A : Derived Attribute

B : Composite Attribute

C : Key Attribute

D : Multi-valued Attribute

E : All of the above are reasonable.

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answer is multivalued



Provinces are broken into Counties. The county name is unique within a province but not within the whole country of Canada. For example Ontario has a county called Middlesex (one and only one in Ontario) and Nova Scotia might also have a county called Middlesex (one and only one in Nova Scotia). The provinces use the county name as the key for the county. If we make Province an entity and we want to make County an entity with its name as its key attribute and its total area as another attribute, then County must be shown as a

_____.

Answer:

weak entity



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This is because the key for county is a WEAK KEY



Assume we are creating an ER diagram for a baseball team. We have the relationship `PLAYER PLAYSFOR TEAM`, where `PLAYER` and `TEAM` are entities and `PLAYSFOR` is the relationship. What would be the (min,max) value on the `TEAM` side of the relationship?

A : (1,1)

B : (1,M)

C : (9,M)

D : (M,9)

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A baseball team **MUST** have at least 9 players but can have at **MOST** M players.

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