

Assignment Project Exam Help

https://eduassistpro.github.

Add WeChat edu_assist_pr



Assignment-Project Exam Help

Shortly after its introduction, the ER model became the most popular

https://eduassistpro.github.

Add WeChat edu_assist_pr



Assignment-Project Exam Help

• Shortly after its introduction, the ER model became the most popular

https://eduassistpro.github.

Data in the ER model is represented as

ips

Author We Chat edu_assist_pr

For the ER model, **keys** are for entity/ **cardinality/participation constraints** for relationship types.

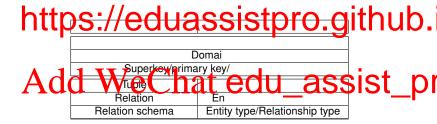
(3) Data manipulation:

No standard data manipulation operations are associated with the ER model.



Assignment Project Exam Help

Comparing key concepts in the relational data model and the ER model:





Assignment mark reades of the Evix talmoon. I elp They are relatively simple:

https://eduassistpro.github.

- There are a number of ER diagrammatic notation closely follow the overlap discovery then and its variation assist production.

 Add Well as the content of the content
 - Attributes are represented as oval
 - Key attributes are underlined;
 - Entity types are represented as rectangles;
 - Relationship types are represented as diamonds.



Entities and Attributes

Assignment Project Exam. Help

- https://eduassistpro.github.
- At
 - Composite versus simple (atomic)
 Single value over multivature ed u_assist_processing the control of the contro
 - NULL values
 - Complex (nesting of composite and multivalued) attributes
- Domains of attributes: For each attribute, a domain is associated, i.e., a set of permitted values for an attribute.



Entity Types and Entity Sets

Assimmenta Perojecter Instrumenta Le lo

https://eduassistpro.github. database at any point in time.





Relationship Types and Relationship Sets

Assargamente attributes as well. (We also say: such entity types participate in a relationship type)

F

https://eduassistpro.github.

- o Degree of relationship type: the number can Averbindry, endry enal hat edu_assist_pr
- A relationship set is the set of associations be types that participate in the relationship type.





Keys

Assing divide the same as for a relation schema.

https://eduassistpro.github.

 A candidate key of an entity type is a minimal (in terms of number of attributes) superkey.

Adjustity We several characters to a several character

 A primary key of a relationship type is the combination of primary keys of the entity types that participate in the relationship type.



Constraints on Relationships

Assignment Project Exam Help Below are useful constraints in describing binary relationship types:

https://eduassistpro.github.

Addawechataedu_assist_pr

 Specifies whether the existence of any entity depends on its being related to another entity via the relationship type.



Constraints on Relationships - Cardinality Ratios



https://eduassistpro.github.

Works

Mexing: 40 em Novement work for at method __assista_plantent can have several employees.

One-To-One

Employee



Meaning: An employee can work for at most one department, and a department can have at most one employee.



Constraints on Relationships - Participation constraints

Assignment Project Exam Help

https://eduassistpro.github.

• partial (default) WeChat edu_assist_pr

Meaning: An employee may or may not work for a department and each department may or may not have employees.



Constraints on Relationships - Cardinality Limits

Assignment Project Exam Help

- Instead of cardinality ratios or participation constraints, more precise
- Ehttps://eduassistpro.github.

Add WeChatedu_assist_pr

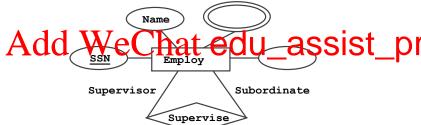
Meaning: An employee must work for exactly one department and each department must have one or more employees.



Recursive Relationships

Assame entity type can participate indet that once in a relationship type of different roles, e.g., marriage between persons and parent-child between p

* https://eduassistpro.github.





Higher-Degree Relationship Types

Assignment Project Exam Help relationships, i.e., involving multiple entity types.

https://eduassistpro.github.

SAPPING WeChair edu_assist_property.

Part no Part



Weak Entity Types

Asst entity type is an injuty type that does not have sufficient attributed possible of the control of the cont

https://eduassistpro.github.





Design Choices for the ER Model

Assignment Project Exam Help It is possible to define entities and their relationships in a number of different

w

- shttps://eduassistpro.github.
 - Should a concept be modeled as a

Add We Chat edu_assist_pr

 Should a concept be modeled as a ternary relationship type or several binary relationship types?