

Assignment ~ 02

question -01

what is relational date model terminology? Answer Answer

The relational data model represents how data is stared in Relational Databascs. A relation date base consists of a collection of table, each of which is assigned a unique name, consider a relation STODENT with attribute ROLL_NO Name, ADDRESS, PHONE, and age shown in the

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Discuss the importance of mapping constrains in the E-R Model provide example of mapping constrains train & provide example of mapping constrains & expeain how they impact Data Base design.

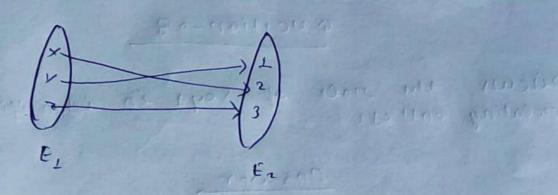
ANSWOT

Mapping constraint in Database Management system (DBMS) are cruial for defining and onforcing relationship between entites in ER Model. They contribute to data integrity, query optimization, database consistency, and vailation, data modeling and application devolopment. It expressed the not of entity to which another entity can be related up related up related

F.g. ->

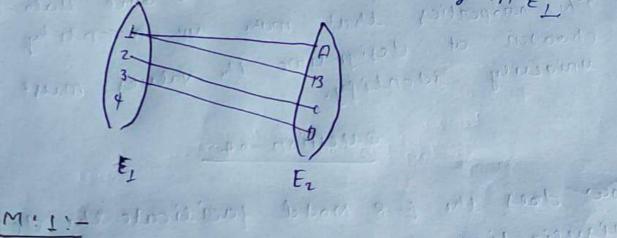
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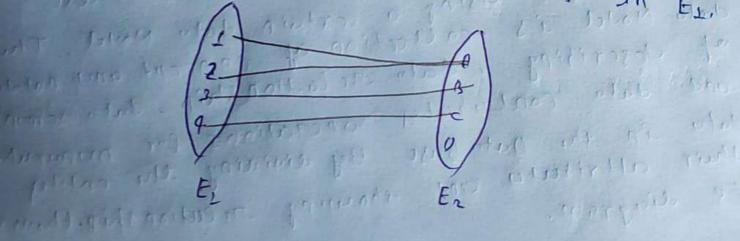


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Discuss the sole of Keys in identifing and

Answer

rays are basic requirement of a relational database model. It is uniquely exsed identifying the sturky (row uniquely in tables, we also columns & set up relation amount various) and a relational Data-Base. The properties that make up an contity key are choosen at designatime the values must be uniquely identify.

Question -04

How does the E-R Model facilicate the design & visueization of dB structure دور دار در در

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1 Answer

15-15-150(1.D In the dataphase designed phase, data are stesponible for using a certain data model, The data Model is collection of concept and naturion of data schoolship, data schoolship, data schoolship, data schoolship, data schoolship, and data contributy operations for manufulating data in the Data Base By dividing the entity and showing the entity And why are relationship between tables established.

And why are they essention for data asgarization?

Ans - Relationships between tables nor mally only on the Primary Reg in one of the tables. Recall that The primary Reg is a Unique identifies (often numeric) dosteach recard. To show that the information in two delationship using the Primary Rey - from one of the tables.

detailed or complicated to be clescribed adequately in the text allowing the preader to quickly see the resulting the preader to quickly see the resulting the highlight frends or putlerns in the data and to make a manuscript more recolable by removing numberic, data from the text.

Question No +06

Proviside real-world examples of scenarias a substience da tobuse is a suitable choice.

Answer N

- O Airlines Airliness use RDBMS to store Hights achedules Passenger information, and other operational data-forex-Olta Airliness uses Microsoft SQL server to marge it passenger data & Flight Schedull.
- (2) Tele communications: Tele communications compannies use RDBMS to mange customer injomation. Forex-AT&T and billing injomation.
- 3 Manufacturing

More tacturing companies are RDBMS to manage mentage supply chain information, and other operational data. For and supply chain data.

1 18848ance - Issusiance Companies use RDBMs to store Customer information. claims data and other Jirancial information. For ex-Rustate uses Teradata to mange its duims data and generate insights obout is customing and bus iness operations

& Human Resources.

@Energy and Utillities-

9 Social Media-

1 Lagistics and Transportation

O Hospitality, etc.