10 Lecture - CS403

Important Mcqs

1. In a relationship between two tables, which table holds the primary key?

- a) Child table
- b) Parent table
- c) Both tables hold the primary key

Answer: b) Parent table

What is the purpose of roles in relationships?

- a) To determine the size of the tables
- b) To ensure proper establishment and management of relationships
- c) To ensure data is organized alphabetically

Answer: b) To ensure proper establishment and management of relationships

In a customer-order database, which table is the parent table?

- a) Order table
- b) Customer table
- c) Both tables are parent tables

Answer: b) Customer table

What is the role of the child table in a relationship?

- a) Hold the primary key
- b) Hold the foreign key that references the primary key in the parent table
- c) Both a and b

Answer: b) Hold the foreign key that references the primary key in the parent table

Which of the following is an example of a role in a relationship?

- a) Customer ID
- b) Order date
- c) Product name

Answer: a) Customer ID

What does understanding roles in relationships help prevent?

- a) Data inconsistencies and errors
- b) Increased performance and scalability
- c) Better data access patterns

Answer: a) Data inconsistencies and errors

Which table in a relationship references the primary key in the parent table?

- a) Child table
- b) Parent table
- c) Both tables reference each other

Answer: a) Child table

Which of the following is a benefit of understanding roles in relationships?

a) Improved database security

b) Increased data redundancy

c) Improved data integrity and consistency

Answer: c) Improved data integrity and consistency

In a relationship, what is the purpose of the foreign key?

a) To reference the primary key in the parent table

b) To hold the primary key in the child table

c) To hold additional data related to the relationship

Answer: a) To reference the primary key in the parent table

How does understanding roles in relationships help with database design?

a) It helps ensure proper establishment and management of relationships

b) It determines the data access patterns

c) It helps with database backups and restores

Answer: a) It helps ensure proper establishment and management of relationships