

UbiUniversity: Ubisoft Game Store Database

Scenario: You are tasked with developing a comprehensive database for Ubisoft's online game store. Ubisoft offers a variety of games, each developed by various studios, and has a growing community of gamers. Your mission is to design and implement a relational database to efficiently manage this gaming information.

Entities:

1. Games:

- GameID (Primary Key)
- Title
- StudioID (Foreign Key referencing Studios)
- Genre
- Price

2. Studios:

- StudioID (Primary Key)
- StudioName

3. Gamers:

- GamerID (Primary Key)
- FirstName
- LastName
- Email
- Phone

4. Purchases:

- PurchaseID (Primary Key)
- GamerID (Foreign Key referencing Gamers)
- GameID (Foreign Key referencing Games)
- PurchaseDate
- PurchaseAmount

Tasks:

1. Create Tables:

- Create the following tables: Games, Studios, Gamers, and Purchases.

2. Insert Data:

- Populate each table with at least 10 records of sample data for each table

3. Retrieve Data:

- Craft SQL queries to retrieve the following information. Use only one stored procedure for all the queries.
 - List all games along with their studios and prices.
 - Showcase details of gamers who have made a purchase.
 - Display the total number of purchases made by each gamer.
 - Formulate a query to find the average price of games in each genre.

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4. Update Data. *Use a stored procedure for each update.

- Adjust the price of a specific game. *The price and the GameId should be passed as parameters.
- Update the email address of a specific gamer. The email and the GamerId should be passed as parameters

5. Delete Data. *Use stored procedure

- Eliminate a gamer from the database. GamerId should be passed as parameter.