

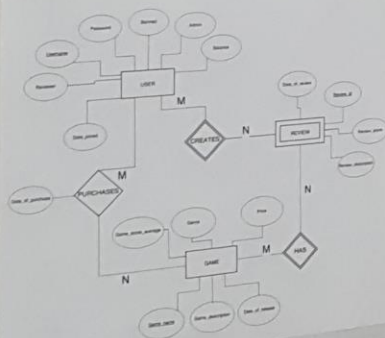
# Motivation

- Interested in video games and user reviews of them
- Have users read reviews of a game before purchasing it
- Other game reviews sites are unorganized
- Other sites make it difficult to search for specific reviews

# Methodology

- Developed Requirements for Games Review
- Created ER and RM Model based on requirements
- Normalized the tables from RM
- Used Mockaroo to generate test data for tables
- Created SQL Queries based on requirements

# ER Diagram



# Game Reviews

It Depends

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# Introduction

The purpose of our Games Review Database is to store games, user reviews of games, user purchases, clubs and user posts, and user profiles. A user can search for a game of their interest, create their own review for the game, purchase the game, and make their own post in a club.

Game ID	Game Name	Game Description	Date of Release	Price
1	Call of Duty: Warzone	Call of Duty: Warzone is a free-to-play battle royale game developed by Infinity Ward and published by Activision. It is part of the Call of Duty franchise.	2020-03-23	\$0.00
2	Fortnite	Fortnite is a free-to-play battle royale game developed by Epic Games. It is a cross-platform game that can be played on PC, console, and mobile.	2017-09-26	\$0.00
3	Overwatch	Overwatch is a team-based first-person shooter game developed by Blizzard Entertainment. It is a cross-platform game that can be played on PC, console, and mobile.	2016-06-17	\$19.99
4	League of Legends	League of Legends is a free-to-play multiplayer online battle arena game developed by Riot Games. It is a cross-platform game that can be played on PC and console.	2009-01-21	\$0.00
5	Dota 2	Dota 2 is a free-to-play multiplayer online battle arena game developed by Valve. It is a cross-platform game that can be played on PC and console.	2013-06-21	\$0.00
6	Star Wars Jedi: Fallen Order	Star Wars Jedi: Fallen Order is a single-player action-adventure game developed by Respawn Entertainment. It is a cross-platform game that can be played on PC, console, and mobile.	2019-11-15	\$29.99
7	Star Wars Jedi: Survivor	Star Wars Jedi: Survivor is a single-player action-adventure game developed by Respawn Entertainment. It is a cross-platform game that can be played on PC, console, and mobile.	2023-04-28	\$39.99

# Conclusion

Overall, the project was successful in creating diagrams and populating the database with test data. However, the issues include knowing how to use Mockaroo and our test data containing nonsense data. In the future, we would add new functionalities in our design and a fancier user interface.

# Application

- Manage user profiles and reviews for games
- Track user purchases of games and their balances
- Used by gamers and reviewers
- Connected MySQL database to AWS
- Created a Windows Form UI for database

# MySQL Data

Review ID	Review Text	Date of Review	Review Score
1	Call of Duty: Warzone is a free-to-play battle royale game developed by Infinity Ward and published by Activision. It is part of the Call of Duty franchise.	2020-03-23	5
2	Fortnite is a free-to-play battle royale game developed by Epic Games. It is a cross-platform game that can be played on PC, console, and mobile.	2017-09-26	4
3	Overwatch is a team-based first-person shooter game developed by Blizzard Entertainment. It is a cross-platform game that can be played on PC, console, and mobile.	2016-06-17	5
4	League of Legends is a free-to-play multiplayer online battle arena game developed by Riot Games. It is a cross-platform game that can be played on PC and console.	2009-01-21	5
5	Dota 2 is a free-to-play multiplayer online battle arena game developed by Valve. It is a cross-platform game that can be played on PC and console.	2013-06-21	5
6	Star Wars Jedi: Fallen Order is a single-player action-adventure game developed by Respawn Entertainment. It is a cross-platform game that can be played on PC, console, and mobile.	2019-11-15	5
7	Star Wars Jedi: Survivor is a single-player action-adventure game developed by Respawn Entertainment. It is a cross-platform game that can be played on PC, console, and mobile.	2023-04-28	5

# RM Diagram

