#### DATABASE DESIGN ASSESSMENT

For this assessment we will be looking at a database for Video games sold at a store which holds the information about the game, the publisher and the platform.

# Game\_platform

This table stores an id as a primary key as well as multiple foreign keys which store ids which reference multiple game publishers, multiple potential platforms (playstation 1, playstation 2 ....)

# Platform

This table stores the name and release year for individual platforms of each company (game\_platform)

# Game publisher

This table stores reference ids for game and publisher

#### **Publisher**

This table stores the reference id and name for each publisher

#### Game

This table stores the reference id for game as well as reference id for genre. It also holds the game name and reference id for developer

#### Genre

This table holds reference id and the genre name

### Developer

This table stores the reference id and the developer's name

- For each Game\_Platform in the database, we should be able to see:
  - o primary id
  - o game\_publisher\_id
  - o platform\_id
- For each Platform we should be able to find out:
  - o primary id
  - o platform\_name
- For each Game\_publisher
  - o primary key id
  - o game\_id
  - o publisher\_id
- For each publisher
  - o primary key id

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- o publisher\_name
- For each game
  - o Primary key id
  - o genre\_id
  - o game\_name
  - o developer\_id
- for each genre
  - o primary key id
  - o genre\_name
- for each developer
  - $\circ$  id
  - o developer\_name

