ER Model

Entities

Games(**Title**, release_date, Developer, Classification, Genre)

Game_system(s**Name**, release_date, Company, sStatus, owned_copies)

Enjoyment(**Game**, Music_score, Graphics_score, Gameplay_score, Story_score, played_times, Global_score)

Saga(**Saga**, total_games, **members**)

Relationships

OwnedOn(**Title**, s**Name**)

Played(**Title**, **Played_times**)

PartOf(**Saga**, **Title**)

Availability(**SystemName**, **SagaName**)

Describe relations

MySQL localhost:3306 ssl games SQL > describe ownedon;

```
+-------+--------------+------+-----+---------+-------+
| Field | Type         | Null | Key | Default | Extra |
+-------+--------------+------+-----+---------+-------+
| Title | varchar(255) | NO   | PRI | NULL    |       |
| sName | varchar(255) | NO   | MUL | NULL    |       |
+-------+--------------+------+-----+---------+-------+
```

2 rows in set (0.0010 sec)

MySQL localhost:3306 ssl games SQL > describe played;

```
+--------------+--------------+------+-----+---------+-------+
| Field        | Type         | Null | Key | Default | Extra |
+--------------+--------------+------+-----+---------+-------+
| Title        | varchar(255) | NO   | PRI | NULL    |       |
| played_times | int          | NO   |     | NULL    |       |
+--------------+--------------+------+-----+---------+-------+
```

2 rows in set (0.0011 sec)

MySQL localhost:3306 ssl games SQL > describe partof;

```
+-------+--------------+------+-----+---------+-------+
| Field | Type         | Null | Key | Default | Extra |
+-------+--------------+------+-----+---------+-------+
| Saga  | varchar(255) | NO   | MUL | NULL    |       |
| Title | varchar(255) | NO   | PRI | NULL    |       |
+-------+--------------+------+-----+---------+-------+
```

2 rows in set (0.0010 sec)

MySQL localhost:3306 ssl games SQL > describe availability;

```
+------------+--------------+------+-----+---------+-------+
| Field      | Type         | Null | Key | Default | Extra |
```

```
+------------+--------------+------+-----+---------+-------+
| SystemName | varchar(255) | NO   | MUL | NULL    |       |
| SagaName   | varchar(255) | NO   | PRI | NULL    |       |
+------------+--------------+------+-----+---------+-------+
2 rows in set (0.0010 sec)
```

Content of the relations

MySQL localhost:3306 ssl games SQL > select * from partof;

```
+-----------+----------------------------+
| Saga      | Title                      |
+-----------+----------------------------+
| God of War | God of War                |
| God of War | God of War (2018)         |
| God of War | God of War II             |
| God of War | God of War III            |
| God of War | God of War: Ascension     |
| God of War | God of War: Chains of Olympus |
| God of War | God of War: Ghost of Sparte |
+-----------+----------------------------+
```

7 rows in set (0.0006 sec)

MySQL localhost:3306 ssl games SQL > select * from ownedon;

```
+-----------------------------+--------------+
| Title                       | sName        |
+-----------------------------+--------------+
| God of War                  | PlayStation 2 |
| God of War II               | PlayStation 2 |
| God of War III              | PlayStation 3 |
| God of War: Ascension       | PlayStation 3 |
| God of War: Chains of Olympus | PlayStation 3 |
| God of War: Ghost of Sparte | PlayStation 3 |
| God of War (2018)           | PlayStation 4 |
```

```
    +----------------------------+--------------+

7 rows in set (0.0005 sec)

MySQL  localhost:3306 ssl  games  SQL > select * from availability;

    +---------------+------------+

    | SystemName    | SagaName   |

    +---------------+------------+

    | PlayStation 2 | God of War |

    | PlayStation 3 | God of War |

    | PlayStation 4 | God of War |

    | PlayStation 5 | God of War |

    | PlayStation 4 | Horizon    |

    | PlayStation 5 | Horizon    |

    +---------------+------------+

6 rows in set (0.0005 sec)

 MySQL  localhost:3306 ssl  games  SQL > select * from played

                     -> ;

    +----------------------------+--------------+

    | Title                      | played_times |

    +----------------------------+--------------+

    | God of War                 |       2 |

    | God of War (2018)          |         1 |

    | God of War II              |         5 |

    | God of War III             |        15 |

    | God of War: Ascension      |         1 |

    | God of War: Chains of Olympus |      2 |

    | God of War: Ghost of Sparte   |      2 |

    +----------------------------+--------------+

7 rows in set (0.0006 sec)
```