**Trabalho\_BD\_2\_2019\_1**

Database model documentation

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# 1. Model details

**Model name:** 
Trabalho\_BD\_2\_2019\_1

**Version:** 
2.3

**Database engine:** 
PostgreSQL

# 2. Tables

## 2.1. Table usuario

2.1.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | serial | PK |  |
| nome | varchar(250) |  |  |
| cpf | varchar(11) |  |  |
| email | varchar(250) |  |  |
| senha | varchar(250) |  |  |
| data\_nascimento | date |  |  |
| usuario\_negativo | boolean |  |  |

## 2.2. Table usuario\_horas\_jogo

2.2.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| qtd\_horas\_jogadas | int |  |  |
| usuario\_id | serial | PK |  |
| jogo\_id | serial | PK |  |

## 2.3. Table comentario

2.3.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | serial | PK |  |
| texto | varchar(400) |  |  |
| usuario\_id | int |  |  |
| jogo\_id | int |  |  |
| hora | timestamp |  |  |

## 2.4. Table usuario\_possui\_jogo

2.4.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| preco\_comprado | money |  |  |
| data\_compra | date |  |  |
| usuario\_id | serial | PK |  |
| jogo\_id | serial | PK |  |

## 2.5. Table jogo

2.5.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | serial | PK |  |
| nome | varchar(250) |  |  |
| preco | money |  |  |

## 2.6. Table jogo\_pertence\_categoria

2.6.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| jogo\_id | serial | PK |  |
| categoria\_id | serial | PK |  |

## 2.7. Table categoria

2.7.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | serial | PK |  |
| nome | varchar(250) |  |  |
| precisa\_ser\_maior\_idade | boolean |  |  |

## 2.8. Table jogo\_em\_promocao

2.8.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| promocao\_id | serial | PK |  |
| jogo\_id | serial | PK |  |

## 2.9. Table promocao

2.9.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | serial | PK |  |
| nome | varchar(250) |  |  |
| porcentagem | int |  |  |
| inicio | date |  |  |
| fim | date |  |  |
| categoria\_id | int | null |  |

# 3. References

## 3.1. Reference usuario\_usuario\_horas\_jogo

|  |  |  |
| --- | --- | --- |
| **usuario** | **1..\*** | **usuario\_horas\_jogo** |
| id | <-> | usuario\_id |

## 3.2. Reference usuario\_comentario

|  |  |  |
| --- | --- | --- |
| **usuario** | **1..\*** | **comentario** |
| id | <-> | usuario\_id |

## 3.3. Reference usuario\_usuario\_possui\_jogo

|  |  |  |
| --- | --- | --- |
| **usuario** | **1..\*** | **usuario\_possui\_jogo** |
| id | <-> | usuario\_id |

## 3.4. Reference jogo\_usuario\_horas\_jogo

|  |  |  |
| --- | --- | --- |
| **jogo** | **1..\*** | **usuario\_horas\_jogo** |
| id | <-> | jogo\_id |

## 3.5. Reference jogo\_usuario\_possui\_jogo

|  |  |  |
| --- | --- | --- |
| **jogo** | **1..\*** | **usuario\_possui\_jogo** |
| id | <-> | jogo\_id |

## 3.6. Reference jogo\_comentario

|  |  |  |
| --- | --- | --- |
| **jogo** | **1..\*** | **comentario** |
| id | <-> | jogo\_id |

## 3.7. Reference jogo\_jogo\_pertence\_categoria

|  |  |  |
| --- | --- | --- |
| **jogo** | **1..\*** | **jogo\_pertence\_categoria** |
| id | <-> | jogo\_id |

## 3.8. Reference categoria\_jogo\_pertence\_categoria

|  |  |  |
| --- | --- | --- |
| **categoria** | **1..\*** | **jogo\_pertence\_categoria** |
| id | <-> | categoria\_id |

## 3.9. Reference promocao\_jogo\_em\_promocao

|  |  |  |
| --- | --- | --- |
| **promocao** | **1..\*** | **jogo\_em\_promocao** |
| id | <-> | promocao\_id |

## 3.10. Reference jogo\_jogo\_em\_promocao

|  |  |  |
| --- | --- | --- |
| **jogo** | **1..\*** | **jogo\_em\_promocao** |
| id | <-> | jogo\_id |

## 3.11. Reference promocao\_categoria

|  |  |  |
| --- | --- | --- |
| **categoria** | **0..\*** | **promocao** |
| id | <-> | categoria\_id |