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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| players | | | |
| player\_id | NUMBER(5) | pk\_players |  |
| player\_fname | VARCHAR2(15) | NOT NULL |  |
| player\_lname | VARCHAR2(15) | NOT NULL |  |
| contact\_email | VARCHAR2(25) | NOT NULL  UNIQUE |  |
| contact\_number | VARCHAR2(13) | NOT NULL  UNIQUE |  |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| team\_players | | | |
| team\_player\_id | NUMBER(10) | pk\_team\_players |  |
| player\_id | NUMBER(5) | fk\_team\_players\_player\_id |  |
| team\_id | NUMBER(5) | fk\_team\_players\_team\_id |  |
| date\_joined | DATE | NOT NULL | SYSDATE |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| teams | | | |
| team\_id | NUMBER(5) | pk\_teams |  |
| team\_name | VARCHAR2(15) | NOT NULL |  |
| date\_created | DATE | NOT NULL | SYSDATE |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| categories | | | |
| genre\_id | NUMBER(5) | pk\_categories |  |
| genre\_type | VARCHAR2(15) | NOT NULL  UNIQUE | TPP |
| genre\_description | VARCHAR2(150) | NOT NULL |  |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| tournaments | | | |
| tournament\_id | NUMBER(10) | pk\_tournaments |  |
| tournament\_title | VARCHAR2(15) | NOT NULL  UNIQUE |  |
| tournament\_start\_date | DATE | NOT NULL | SYSDATE |
| tournament\_end\_date | DATE |  |  |
| tournament\_region | VARCHAR2(15) | NOT NULL |  |
| tournament\_arena | VARCHAR2(15) | NOT NULL |  |
| genre\_id | NUMBER(5) | fk\_tournaments\_genre\_id |  |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| tournament\_participants | | | |
| tournament\_participant\_id | NUMBER(10) | pk\_tournament\_participants |  |
| tournament\_id | NUMBER(10) | fk\_tp\_tournament\_id |  |
| player\_id | NUMBER(5) | fk\_tp\_player\_id |  |
| team\_id | NUMBER(5) | fk\_tp\_team\_id |  |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| prizes | | | |
| prize\_id | NUMBER(10) | pk\_prizes(sponsor\_id, tournament\_id) |  |
| sponsor\_id | NUMBER(5) | fk\_prizes\_sponsor\_id |  |
| tournament\_id | NUMBER(5) | fk\_prizes\_tournament\_id |  |
| prize\_money | NUMBER(10) | NOT NULL |  |
| prize\_name | VARCHAR2(10) | NOT NULL  UNIQUE |  |
| prize\_description | VARCHAR2(150) | NOT NULL |  |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| sponsors | | | |
| sponsor\_id | NUMBER(5) | pk\_sponsors |  |
| sponsor\_name | VARCHAR2(15) | Pk\_sponsors |  |
| sponsor\_start\_date | DATE | NOT NULL |  |
| sponsor\_end\_date | DATE |  |  |
| sponsor\_amount | NUMBER(5) | NOT NULL |  |
| sponsor\_advert | VARCHAR2(15) |  |  |

Creating compound primary key\*

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| game\_participants | | | |
| game\_participant\_id | NUMBER(20) | pk\_game\_participants(game\_id, tournament\_participant\_id) |  |
| game\_id | NUMBER(10) | fk\_gp\_game\_id |  |
| tournament\_participant\_id | NUMBER(10) | fk\_gp\_tp\_id |  |

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| games | | | |
| game\_id | NUMBER(10) | pk\_games |  |
| game\_start\_time | NUMBER(10) | NOT NULL |  |
| round\_id | NUMBER(10) | fk\_games\_round |  |
| round\_name | VARCHAR2(25) | fk\_games\_round |  |

Compound foreign key\* fk\_games\_round

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| **Attribute** | **Datatype** | **Constraint** | **Default** |
| stats | | | |
| game\_result\_id | NUMBER(10) | pk\_games |  |
| game\_id | NUMBER(10) | fk\_stat\_game\_id |  |
| game\_duration | NUMBER(10) | NOT NULL |  |
| game\_coin | NUMBER(5) | NOT NULL |  |
| game\_distance | NUMBER(5) | NOT NULL |  |
| game\_kill | NUMBER(5) | NOT NULL |  |

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| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| rounds | | | |
| round\_id | NUMBER(10) | pk\_rounds |  |
| round\_name | VARCHAR2(25) | pk\_rounds |  |
| round\_level | VARCHAR2(10) | NOT NULL | easy |
| round\_description | VARCHAR2(150) | NOT NULL |  |

Compound primary key\* pk\_rounds

Graphical user interface, application, Word

Description automatically generated