|  |  |
| --- | --- |
| DOCUMENTATION  database DEFINITION |  |
|  |  |

|  |  |
| --- | --- |
|  | |
|  | schema/database:  fun |
|  | table:  games |

**Thiago Panini**

**2020-Jan-31**

1. **Notes**
2. Column and table descriptions are estimates based on examination of the tables, not descriptions from the data sources.
3. Column descriptions of PK, FK and references are descriptions of assumed relationships between tables, not database constratints.
4. **Tables Overview**

|  |  |
| --- | --- |
| Tables | Description |
| card\_rank | Information about cards and its values |
| card\_suit | Cards suits and its colors |
| games | Some game details |
| inventory | Inventory of shops |

* 1. **card\_rank**

|  |  |  |  |
| --- | --- | --- | --- |
| **Table: card\_rank** | | | |
| **Column Ref** | **Column Name** | **Data Type** | **Obs** |
| 1 | rank | string | Card info |
| 2 | value | tinyint | Card value |

|  |  |  |
| --- | --- | --- |
| **card\_rank sample** | | |
|  | **rank** | **value** |
| 1 | Ace | NULL |
| 2 | 2 | 2 |
| 3 | 3 | 3 |

* 1. **card\_suit**

|  |  |  |  |
| --- | --- | --- | --- |
| **Table: card\_suit** | | | |
| **Column Ref** | **Column Name** | **Data Type** | **Obs** |
| 1 | card | string |  |
| 2 | suit | string |  |

|  |  |  |
| --- | --- | --- |
| **card\_suit sample** | | |
|  | **rank** | **suit** |
| 1 | Clubs | Black |
| 2 | Diamonds | Red |
| 3 | Hearts | Red |
| 4 | Spades | Black |

* 1. **games**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **Table: games** | | | |
| **Column Ref** | **Column Name** | **Data Type** | **Obs** |
| 1 | id | int | PK |
| 2 | name | string | Game name |
| 3 | inventor | string | Inventor of the game |
| 4 | year | string |  |
| 5 | min\_age | tinyint |  |
| 6 | min\_players | tinyint |  |
| 7 | max\_players | tinyint |  |
| 8 | list\_price | Decimal(5,2) |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **games sample** | | | | | | | |
| **id** | **name** | **inventor** | **year** | **min\_age** | **min\_player** | **max\_players** | **list\_price** |
| 1 | Monopoly | Elizabeth Magie | 1903 | 8 | 2 | 6 | 19.99 |
| 2 | Scrabble | Alfred M. Butts | 1938 | 8 | 2 | 4 | 17.99 |

* 1. **inventory**

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **Table: inventory** | | | |
| **Column Ref** | **Column Name** | **Data Type** | **Obs** |
| 1 | shop | string | Shop info |
| 2 | game | string |  |
| 3 | qty | int | Qty in the shop |
| 4 | aisle | tinyint |  |
| 5 | price | decimal(5,2) |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **shop** | **game** | **qty** | **aisle** | **price** |
| Dicey | Monopoly | 7 | 3 | 17.99 |
| Dicey | Clue | 3 | NULL | 9.99 |