Card Lookup

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Card\_Id | Game\_Id | State | Player | Meld\_Id |
| number | number | number | number | number |

Comp Key(Card\_Id, Foreign Key(Game\_Id))

User

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| User\_Id | Avatar | Card\_Front | Card\_Back | User\_Games\_Won | User\_Games\_Played | Username | Password |
| number | varchar2 | number | number | number | number | varchar2 | varchar2 |

Primary Key(User\_Id)

User Session

|  |  |  |
| --- | --- | --- |
| Token | User\_Id | Start\_Time |
| varchar2 | number | systimestamp |

Primary Key(Token)

Foreign Key(User\_Id)

Game

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Game\_Id | Players | Name | Turn | Time\_Limit | Password | Date | Resolved | Won | Lost |
| number | number | varchar2 | number | number | varchar2 | number | systimestamp | Number | Number |

Primary Key(Player\_Id)

Foreign Key(Won)

Foreign Key(Lost)

Player

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Player\_Id | User\_Id | Game\_Id | Team\_Id | Score | Team\_Number |
| number | number | number | number | number | number |

Primary Key(Player\_Id)

Foreign Key(User\_Id)

Foreign Key(Game\_Id)

Foreign Key(Team\_Id)

Reward

|  |  |
| --- | --- |
| Reward\_Id | User\_Id |
| number | number |

Primary Key(Reward\_Id)

Foreign Key(User\_Id)

Friend

|  |  |
| --- | --- |
| User\_Id\_1 | User\_Id\_2 |
| number | number |

Comp Key(User\_Id\_1, User\_Id\_2)

Teams

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Team\_Id | Tournament\_Id | User\_Id\_1 | User\_Id\_2 | Team\_Games\_Played | Teams\_Games\_Won |
| number | number | number | number | number | number |

Primary Key(Team\_Id)

Foreign Key(Tournament\_Id)

Foreign Key(User\_Id\_1)

Foreign Key(User\_Id\_2)

Tournament

|  |  |
| --- | --- |
| Tournament\_Id | Type |
| number | number |

Primary Key(Tournament\_Id)