

DataBase_Server

➤ Game

| | | |
|--------------------------------|------------------|-----------|
| Id | int | PK |
| First_player_id | int | FK |
| Second_player_id | int | FK |
| Created | timestamp | |
| GameType | enum | |
| Gamestatus | enum | |
| First_player_piece_code | char(1) | |

GameType: computer-competition

GameStatus: Wait for player-In progress-firstPlayer win-second-player win-equality

First_player_piece_code: save first piece of code of player 'X' or 'O'

➤ Move_Info

| | | |
|------------------|------------------|-----------|
| Player_id | int | FK |
| Game_id | int | FK |
| Id | int | PK |
| Created | timestamp | |
| Board_col | int | |
| Board_row | int | |

➤ Player

| | |
|----------------------|-----------------------|
| FName | Varchar(64) |
| LName | Varchar(64) |
| Email | Varchar(128) |
| User Name | Varchar(64) PK |
| Passwd_hashed | text |

| | |
|------------------|----------------|
| User Name | FK |
| Score | int |
| isPlaying | Boolean |
| Status | Boolean |