Словарь данных

База данных "Проведение Киберспортивных мероприятий"

Data dictionary of "Киберспортивные мероприятия".

Author: @Author

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| **Игроки** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | PlayerID | INTEGER | Y | Autoincrement |
|  | UserID | INTEGER | Y |  |
|  | TeamID | INTEGER | N |  |
|  | Nickname | NVARCHAR(50) | Y |  |
|  | JoinDate | DATE | N |  |
|  | IsCaptain | BIT | N |  |
|  | Position | NVARCHAR(50) | N |  |

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| **Игры** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **GameID** | INTEGER | Y | Autoincrement |
|  | GameName | NVARCHAR(100) | Y | Unique constraint |
|  | Description | NVARCHAR(MAX) | N |  |
|  | ReleaseDate | DATE | N |  |
|  | Developer | NVARCHAR(100) | N |  |
|  | Publisher | NVARCHAR(100) | N |  |
|  | MinPlayersPerTeam | INT | N |  |
|  | MaxPlayersPerTeam | INT | N |  |
|  | IsActive | BIT | N |  |

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| **Команды** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | TeamID | INTEGER | Y | Autoincrement |
|  | TeamName | NVARCHAR(100) | Y |  |
|  | Tag | NVARCHAR(10) | N |  |
|  | CreationDate | DATE | N |  |
|  | Country | NVARCHAR(50) | N |  |
|  | LogoURL | NVARCHAR(255) | N |  |
|  | IsActive | BIT | N |  |

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| **Турниры** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| TournamentID | INTEGER | Y | Autoincrement |
| TournamentName | NVARCHAR(100) | Y |  |
| GameID | INT | Y | FK to Игры |
| StartDate | DATETIME | Y |  |
| EndDate | DATETIME | Y |  |
| PrizePool | DECIMAL(15,2) | N |  |
| Organized | INT | Y | FK to Пользователи |
| RegistrationDeadline | DATETIME | N |  |
| MaxTeams | INT | N |  |
| FormatDescription | NVARCHAR(MAX) | N |  |
| Rules | NVARCHAR(MAX) | N |  |
| IsCompleted | BIT | N |  |

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| **Комментаторы** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| CasterID | INTEGER | Y | Autoincrement |
| UserID | INT | Y | FK to Пользователи |
| Bio | NVARCHAR(MAX) | N |  |
| SocialMediaLinks | NVARCHAR(MAX) | N |  |

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| **Матчи** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| MatchID | INTEGER | Y | Autoincrement |
| TournamentID | INTEGER | Y | FK to Турниры |
| RoundNumber | INTEGER | Y |  |
| MatchNumber | INTEGER | Y |  |
| StartTime | DATETIME | N |  |
| EndTime | DATETIME | N |  |
| Status | NVARCHAR(20) | N |  |
| | MapName | NVARCHAR(50) | N |  |

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| **Назначения Комментаторов На Трансляции** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| StreamID | INTEGER | Y | Autoincrement |
| CasterID | INTEGER | Y | FK to Комментаторы |

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| **Настройки Системы** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| SettingID | INTEGER | Y | Autoincrement |
| SettingName | NVARCHAR(50) | Y | FK to Турниры |
| SettingValue | NVARCHAR(50) | N |  |
| Description | NVARCHAR(255) | N |  |
| LastModified | DATETIME | N |  |
| LastModifiedBy | INTEGER | N | FK to Пользователи |

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| **Новости** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| NewsID | INTEGER | Y | Autoincrement |
| Title | NVARCHAR(255) | Y | FK to Турниры |
| Content | NVARCHAR(MAX) | Y |  |
| AuthorID | INT | Y | FK to Пользователи |
| PublishDate | DATETIME | N |  |
| LastUpdate | DATETIME | N | FK to Пользователи |
| IsPublished | BIT | N |  |

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| **Пользователи** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| UserID | INTEGER | Y | Autoincrement |
| Username | NVARCHAR(50) | Y |  |
| PasswordHash | NVARCHAR(255) | Y |  |
| Email | NVARCHAR(100) | Y |  |
| FirstName | NVARCHAR(50) | N |  |
| LastName | NVARCHAR(50) | N |  |
| PhoneNumber | NVARCHAR(20) | N |  |
| RegistrationDate | DATETIME | N |  |
| LastLogin | DATETIME | N |  |
| IsActive | BIT | N |  |

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| **РегистрацииКомандНаТурниры** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| RegistrationID | INTEGER | Y | Autoincrement |
| TournamentID | NVARCHAR(50) | Y | FK to Турниры |
| TeamID | NVARCHAR(50) | Y | FK to Команды |
| RegistrationDate | NVARCHAR(255) | N |  |
| IsApproved | DATETIME | N |  |

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| **РолиПользователей** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| RoleID | INTEGER | Y | Autoincrement |
| RoleName | NVARCHAR(50) | Y | FK to Турниры |
| Description | NVARCHAR(255) | N | FK to Команды |

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| **СвязьРолейИПользователей** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| UserID | INTEGER | Y | Autoincrement |
| RoleID | INTEGER | Y | FK to РолиПользователей |

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| **Спонсоры** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| SponsorID | INTEGER | Y | Autoincrement |
| SponsorName | NVARCHAR(100) | Y |  |
| LogoURL | NVARCHAR(255) | N |  |
| WebsiteURL | NVARCHAR(255) | N |  |
| ContactEmail | NVARCHAR(100) | N |  |
| ContactPhone | NVARCHAR(20) | N |  |

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| **СтатистикиИгроков** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| StatID | INTEGER | Y | Autoincrement |
| MatchID | INTEGER | Y |  |
| PlayerID | INTEGER | Y |  |
| Kills | INTEGER | N |  |
| Deaths | INTEGER | N |  |
| Assists | INTEGER | N |  |
| DamageDealt | INTEGER | N |  |
| HealingDone | INTEGER | N |  |
| OtherStats | NVARCHAR(MAX) | N |  |

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| **Трансляции** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| StreamID | INTEGER | Y | Autoincrement |
| MatchID | INTEGER | Y | FK to Матчи |
| StreamURL | NVARCHAR(255) | Y |  |
| StartTime | DATETIME | Y |  |
| EndTime | DATETIME | N |  |
| ViewerCount | INTEGER | N |  |
| Language | NVARCHAR(20) | N |  |

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| **УчастникиМатчей** | | | | |
| **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| MatchParticipantID | INTEGER | Y | Autoincrement |
| MatchID | INTEGER | Y | FK to Матчи |
| TeamID | INEGER | Y | FK to Команды |
| Score | INTEGER | N |  |
| IsWinner | BIT | N |  |