|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Charity (благотворительные организации)** | | |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **CharityId** | INTEGER | Y | Auto increment |
|  | **CharityName** | VARCHAR (100) | Y |  |
|  | **CharityDescription** | VARCHAR (2000) | N |  |
|  | **CharityLogo** | VARCHAR (50) | N |  |
| **Country(Страна)** |  |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **CountryCode** | CHAR (3) | Y |  |
|  | **CountryName** | VARCHAR (100) | Y |  |
|  | **CountryFlag** | VARCHAR (100) | Y |  |
| **Event (Соревнование)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **EventId** | CHAR (6) | Y |  |
|  | **EventName** | VARCHAR (50) | Y |  |
| FK | **EventTypeId** | CHAR (2) | Y | Foreign key to EventType |
| FK | **MarathonId** | TINYINT | Y | Foreign key to Marathon |
|  | **StartDateTime** | DATETIME |  |  |
|  | **Cost** | DECIMAL (10,2) |  |  |
|  | **MaxParticipants** | SMALLINT |  |  |
| **EventType(Зачет)** |  |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **EventTypeId** | CHAR (2) | Y |  |
|  | **EventTypeName** | VARCHAR (50) | Y |  |
| **Gender (Пол)** |  |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **Gender** | VARCHAR(10) | Y |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Marathon (Марафон)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **MarathonId** | TINYINT | Y |  |
|  | **MarathonName** | VARCHAR (80) | Y |  |
|  | **CityName** | VARCHAR (80) |  |  |
| FK | **CountryCode** | CHAR (3) | Y | Foreign key to Country |
|  | **YearHeld** | SMALLINT |  |  |
| **RaceKitOption (Варианты комплектов)** | | |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **RaceKitOptionId** | CHAR (1) | Y |  |
|  | **RaceKitOption** | VARCHAR (80) | Y |  |
|  | **RaceKitCost** | DECIMAL (10, 2) | Y |  |
| **Registration (Регистрация)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **RegistrationId** | INT | Y | Auto increment |
| FK | **RunnerId** | INT | Y | Foreign key to Runner |
|  | **RegistrationDateTime** | DATETIME | Y |  |
| FK | **RaceKitOptionID** | CHAR (1) | Y | Foreign key to RaceKitOption |
| FK | **RegistrationStatusID** | TINYINT | Y | Foreign key to RegistrationStatus |
|  | **Cost** | DECIMAL (10,2) | Y |  |
| FK | **CharityID** | INT | Y | Foreign key to Charity |
|  | **SponsorshipTarget** | DECIMAL (10,2) | Y |  |
| **Registration\_Event (Регистация на марафон)** | | |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **RegistrationEventId** | INT | Y | Auto increment |
| FK | **RegistrationId** | INT | Y | Foreign key to Registration |
| FK | **EventId** | CHAR (6) | Y | Foreign key to Event |
|  | **BibNumber** | SMALLINT |  |  |
|  | **RaceTime** | INT |  |  |
| **RegistrationStatus (Регистрационный статус)** | | |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **RegistrationStatusId** | TINYINT | Y | Auto increment |
|  | **RegistrationStatus** | VARCHAR (80) | Y |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Role (Роль)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **RoleId** | CHAR (1) | Y |  |
|  | **RoleName** | VARCHAR (50) | Y |  |
| **Runner (Бегун)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **RunnerId** | INT | Y | Auto increment |
| FK | **Email** | VARCHAR (100) | Y | Foreign key to User |
|  | **Gender** | VARCHAR (100) | Y |  |
|  | **DateOfBirth** | DATETIME |  |  |
| FK | **CountryCode** | CHAR (3) | Y | Foreign key to Country |
| **Sponsorship (Спонсор)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **SponsorshipId** | INT | Y | Auto increment |
|  | **SponsorName** | VARCHAR (150) | Y |  |
| FK | **RegistrationID** | INT | Y | Foreign key to Registration |
|  | **Amount** | DECIMAL (10,2) | Y |  |
| **User (Пользователь)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **Email** | VARCHAR (100) | Y |  |
|  | **Password** | VARCHAR (100) | Y |  |
|  | **FirstName** | VARCHAR (80) |  |  |
|  | **LastName** | VARCHAR (80) |  |  |
| FK | **RoleId** | CHAR (1) | Y | Foreign key to Role |
| **Position (Позиция)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **PositionId** | SMALLINT | Y | Auto increment |
|  | **PositionName** | VARCHAR (50) | Y |  |
|  | **PositionDescription** | VARCHAR (1000) |  |  |
|  | **PayPeriod** | VARCHAR (10) | Y |  |
|  | **Payrate** | DECIMAL (10,2) | Y |  |
| **Volunteer (Волонтеры)** | | | | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **VolunteerId** | INT | Y | Auto increment |
|  | **FirstName** | VARCHAR (80) |  |  |
|  | **LastName** | VARCHAR (80) |  |  |
| FK | **CountryCode** | CHAR (3) | Y | Foreign key to Country |
| FK | **Gender** | VARCHAR (10) | Y | Foreign key to Gender |
| **Staff (Персонал)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **StaffId** | INT | Y | Auto increment |
|  | **FirstName** | VARCHAR (80) | Y |  |
|  | **LastName** | VARCHAR (80) | Y |  |
|  | **Email** | VARCHAR (100) | Y |  |
|  | **DateOfBirth** | DATETIME | Y |  |
|  | **Gender** | VARCHAR (10) | Y |  |
| FK | **PostionId** | SMALLINT | Y | Foreign key to Position |
|  | **Comments** | VARCHAR (2000) |  |  |
| **Timesheet (Расписание)** | |  |  | |
| **KEY** | **FIELD NAME** | **DATA TYPE / FIELD SIZE** | **REQUIRED?** | **NOTES** |
| PK | **TimesheetId** | INT | Y | Auto increment |
| FK | **StaffId** | INT | Y | Foreign key to Staff |
|  | **StartDateTime** | DATETIME |  |  |
|  | **EndDateTime** | DATETIME |  |  |
|  | **PayAmount** | DECIMAL (10,2) |  |  |