Словарь данных

Marathon Skills база данных

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

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KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
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	

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
	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

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
	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)		