

(Microsoft SQL Server Notation)

Table: **Coach**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
CoachID	PK ; Unique sequential Coach ID number	int		Y						Y
FirstName	Coach's first name	nvarchar	50						Y	
LastName	Coach's last name	nvarchar	50						Y	
Street	Coach's street	nvarchar	50						Y	
City	Coach's city	nvarchar	50						Y	
State	Coach's state	char	2			FL		[State] LIKE '[A-Z][A-Z]'	Y	
Zip	Coach's zip	char	5					[Zip] LIKE '[0-9][0-9][0-9][0-9][0-9]'	Y	
Phone	Coach's phone	char	20			none provided		(([Phone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [phone] like '[n][o][n][e][p][r][o][v][i][d][e][d]')	Y	
Email	Coach's email	nvarchar	50						Y	

Table: **CoachAssignment**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
AssignmentID	PK ; Unique sequential Assignment ID number	int		Y						Y
Role	Coach's role	char	2					([Role] = 'VC' OR [Role] = 'AC' OR [Role] = 'HC')	Y	
Season	Season the coach is in	char	20						Y	
TeamID	FK to team table	int								
CoachID	FK to coach table	int								

Table: Deleted Players

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
PlayerID	PK ; Unique sequential player number	int		Y						Y
FirstName	Player's first name	nvarchar	50						Y	
LastName	Player's last name	nvarchar	50						Y	
Street	Player's street	nvarchar	50						Y	
City	Player's city	nvarchar	50						Y	
State	Player's state	char	2			FL		[State] LIKE '[A-Z][A-Z]'	Y	
Zip	Player's zip	char	5					[Zip] LIKE '[0-9][0-9][0-9][0-9][0-9]'	Y	
DOB	Player's date of birth	date							Y	
Age	Age of the player, a derived value from the DOB column								Y	
PlayerPhone	Player's phone number	nvarchar	50			none provided		([PlayerPhone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [PlayerPhone] like 'none provided')	Y	
ParentName	Parent's first name	nvarchar	50						Y	
ParentPhone	Parent's phone number	nvarchar	50			none provided		([ParentPhone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [ParentPhone] like 'none provided')	Y	
ParentEmail	Parent's email address	nvarchar	50						Y	

Table: **Field**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
FieldID	PK ; Unique sequential field number	int		Y						Y
Name	Name of the field	nvarchar	50						Y	
Street	Street of the field	nvarchar	50						Y	
City	City of the field	nvarchar	50						Y	
State	State of the field	char	2			FL		[State] LIKE 'A-Z][A-Z]'	Y	
Zip	Zip code of field	char	5					[Zip] LIKE '[0-9][0-9] [0-9][0-9][0-9][0-9]'	Y	

Table: **FieldSponsorship**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
SponsorID	CPK ; FK to Sponsor Table	int								
FieldID	CPK ; FK to the Field Table	int								
Season	CPK ; season for the field's sponsor	nvarchar	50							

Table: **Match**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
MatchID	PK ; Unique sequential match number	int		Y						Y
Date	Date of the match	date							Y	
FieldID	FK to the Field table	int								

Table: **Player**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
PlayerID	PK ; Unique sequential player number	int		Y						Y
FirstName	Player's first name	nvarchar	50						Y	
LastName	Player's last name	nvarchar	50						Y	
Street	Player's street	nvarchar	50						Y	
City	Player's city	nvarchar	50						Y	
State	Player's state	char	2			FL		[State] LIKE '[A-Z][A-Z]'	Y	
Zip	Player's zip	char	5					[Zip] LIKE '[0-9][0-9][0-9][0-9][0-9]'	Y	
DOB	Player's date of birth	date							Y	
Age	Age of the player, a derived value from the DOB column	Calculated formula							Y	
PlayerPhone	Player's phone number	nvarchar	50			none provided		([PlayerPhone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [PlayerPhone] like 'none provided')	Y	
ParentName	Parent's first name	nvarchar	50						Y	
ParentPhone	Parent's phone number	nvarchar	50			none provided		([ParentPhone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [ParentPhone] like 'none provided')	Y	
ParentEmail	Parent's email address	nvarchar	50						Y	

Table: **PlayerPerformance**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
PlayerID	CPK; FK to Player table	int								
MatchID	CPK; FK to Match table	int								
Minutes	Duration in minutes of how long a player performs in a match	decimal (4,2)							Y	
Goals	Number of goals a player scores in a match	int							Y	
Penalties	Number of penalties a player gets in a match	int							Y	

Table: **PlayerTeam**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
DraftID	PK ; Unique sequential Draft ID number	int		Y						Y
Season	Season team is in	char	20					Format season like YYYY-MM-DD	Y	
PlayerID	FK to player table	int								
TeamID	FK to team table	int								

Table: **Referee**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
RefereeID	PK ; Unique sequential referee ID number	int		Y						Y
FirstName	Referee's first name	nvarchar	50						Y	
LastName	Referee's last name	nvarchar	50						Y	
Street	Referee's street	nvarchar	50						Y	
City	Referee's city	nvarchar	50						Y	
State	Referee's state	char	2			FL		[State] LIKE '[A-Z][A-Z]'	Y	
Zip	Referee's zip	char	5					[Zip] LIKE '[0-9][0-9][0-9][0-9][0-9]'	Y	
Phone	Referee's phone number	nvarchar	50			none provided		(([Phone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [Phone] like 'none provided')	Y	
Email	Referee's email address	nvarchar	50						Y	
MentorID	FK ; Recursive FK to the Referee Table, Synonym for RefereeID	int							Y	

Table: RefereeAssignment

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
MatchID	CPK; FK to match table	int								
RefereeID	CPK; FK to referee table	int								
Position	Position of the referee	nvarchar	50						Y	

Table: **Sponsor**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
SponsorID	PK ; Unique sequential sponsor ID number	int		Y						Y
Name	Name of the sponsor	nvarchar	50						Y	

Table: **Team**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
TeamID	PK ; Unique sequential team number	int		Y						Y
Name	Name of the team	nvarchar	50						Y	
Seasons	Season the team is in	nvarchar	50						Y	
Captain	FK to the player table; Synonym for PlayerID	int							Y	

Table: **TeamMatch**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
TeamID	CPK; FK to team table	int								
MatchID	CPK; FK to match table	int								
Goals	Goals scored in the match	int							Y	
Result	Results for the match	char	1						Y	

Table: **TeamSponsorship**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
SponsorhipID	PK ; Unique sequential Sponsorship ID number	int		Y						Y
Season	Season sponsorship occurs in	char	20						Y	
SponsorID	FK to sponsor table	int								
TeamID	FK to team table	int								

Table: **Vendor**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
VendorID	PK ; Unique sequential vendor number	int		Y						Y
Name	Name of the vendor	nvarchar	50						Y	
Phone	Phone number for the vendor	nvarchar	20				none provided	([Phone] like '[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]' OR [Phone] like 'none provided')	Y	

Table: **VendorContract**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
ContractID	PK ; Unique sequential contract number	int		Y						Y
Season	Season the contract for the vendor takes place in	nvarchar	50						Y	
VendorID	FK to the vendor table	int								
FieldID	FK to the field table	int								

Table: **VendorType**

Column Name	Description	Data Type	Size	Identity	Unique	Default	Rule	Check	Allow Nulls	Index
VendorID	CPK; FK to the vendor table	int								
Type	CPK; name of the type of vendor	nvarchar	50							