|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Default** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| CoachID | PK-Unique Coach ID | int |  | Y |  |  |  |  |  | Y |
| FirstName | Coach FirstName | nvarchar | 50 |  |  |  |  |  | Y |  |
| LastName | Coach’s Last name | nvarchar | 50 |  |  |  |  |  | Y |  |
| Street | Coach street | nvarchar | 50 |  |  |  |  |  | Y |  |
| City | City | nvarchar | 50 |  |  |  |  |  | Y |  |
| State | State (FL) | char | 2 |  |  | FL |  | [State] LIKE ‘[A-Z][A-Z]’ | Y |  |
| Zip | zip | char | 5 |  |  |  |  |  | Y |  |
| Phone | coach phone | nvarchar | 20 |  |  |  |  |  | Y |  |
| Email | coach email | nvarchar | 50 |  |  |  |  |  | Y |  |
|  |  |  |  |  |  |  |  |  |  |  |

**Table: Coach**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| AssignmentID | PK- Assignment | int |  | Y |  |  |  |  | Y |
| Role | Coach Role | char | 2 |  |  |  | ([Role] = ‘VC’OR’AC’ OR ‘HC’ | Y |  |
| Season | Season coach is in | char | 20 |  |  |  |  | Y |  |
| TeamID | FK to teamID Table | int |  |  |  |  |  |  |  |
| CoachID | FK to coach ID table | int |  |  |  |  |  |  |  |

**Coach Assignment**

**Table: Deleted Players**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Default** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| PlayerID | PK-For PlayerNumber | int |  | Y |  |  |  |  |  | Y |
| FirstName | PlayerFirst | nvarchar | 50 |  |  |  |  |  | Y |  |
| LastName | PlayerLast | nvarchar | 50 |  |  |  |  |  | Y |  |
| Street | player street | nvarchar | 50 |  |  |  |  |  | Y |  |
| City | Player City | nvarchar | 50 |  |  |  |  |  | Y |  |
| State | State (FL) | char | 2 |  |  | FL |  | [State] LIKE ‘[A-Z][A-Z]’ | Y |  |
| Zip | Player Zip | char | 5 |  |  |  |  |  | Y |  |
| DateofBirth | Player DOB | date |  |  |  |  |  |  | Y |  |
| Age | Player Age, Derived value (Computed) |  |  |  |  |  |  |  | Y |  |
| PlayerPhone | Players Number | nvarchar | 50 |  |  |  |  |  | Y |  |
| ParentName | Name of Parent | nvarchar | 50 |  |  |  |  |  | Y |  |
| ParentPhone | Parents Number | nvarchar | 50 |  |  |  |  |  | Y |  |
| ParentEmail | Email for Parent | nvarchar | 50 |  |  |  |  |  | Y |  |

**Table : Field**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Default** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| FieldID | PK- FieldID | int |  | Y |  |  |  |  |  | Y |
| Name | Name of 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 the field | char | 5 |  |  |  |  |  | Y |  |

**Table : FieldSponsor**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Default** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| FieldSponsorID | CPK- FK to SponsorID | int |  |  |  |  |  |  |  |  |
| FieldID | CPK; FK to the field table | int |  |  |  |  |  |  |  |  |
| Season | CPK ; season for the fields sponsor | nvarchar | 50 |  |  |  |  |  |  |  |

**Table : Match**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Default** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| MatchID | PK – match number | int |  |  |  |  |  |  |  | Y |
| date | date of the match | date |  |  |  |  |  |  | Y |  |
| FieldID | FK- to field Table | int |  |  |  |  |  |  |  |  |

**Table : Player**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Default** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| PlayerID | PK-For PlayerNumber | int |  | Y |  |  |  |  |  | Y |
| FirstName | PlayerFirst | nvarchar | 50 |  |  |  |  |  | Y |  |
| LastName | PlayerLast | nvarchar | 50 |  |  |  |  |  | Y |  |
| Street | player street | nvarchar | 50 |  |  |  |  |  | Y |  |
| City | Player City | nvarchar | 50 |  |  |  |  |  | Y |  |
| State | State (FL) | char | 2 |  |  | FL |  | [State] LIKE ‘[A-Z][A-Z]’ | Y |  |
| Zip | Player Zip | char | 5 |  |  |  |  |  | Y |  |
| DateofBirth | Player DOB | date |  |  |  |  |  |  | Y |  |
| Age | Player Age, Derived value (Computed) | (Computed) |  |  |  |  |  |  | Y |  |
| PlayerPhone | Players Number | nvarchar | 50 |  |  |  |  |  | Y |  |
| ParentName | Name of Parent | nvarchar | 50 |  |  |  |  |  | Y |  |
| ParentPhone | Parents Number | nvarchar | 50 |  |  |  |  |  | Y |  |
| ParentEmail | Email for Parent | nvarchar | 50 |  |  |  |  |  | Y |  |

**Table : Player Performance**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Default** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| PlayerID | CPK-FK Player table | int |  |  |  |  |  |  |  |  |
| MatchID | CPK ; FK to match table | nvarchar | 50 |  |  |  |  |  |  |  |
| Minutes | How long a player performs in a match | decimal (4,2) |  |  |  |  |  |  | Y |  |
| Goals | number of goals a player gets in a match | int |  |  |  |  |  |  | Y |  |
| Penalties | Penalties a player gets in a match | int |  |  |  |  |  |  | Y |  |

**Team : PlayerTeam**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Default** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| DraftID | PK; DraftID | int |  |  |  |  |  |  |  | Y |
| Season | Season team is in | char | 20 |  |  |  |  | YYYY-MM-DD | Y |  |
| PlayerID | FK ; to player table | int |  |  |  |  |  |  |  |  |
| TeamID | FK ; to team table | int |  |  |  |  |  |  |  |  |

**Table : Referee Table**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Default** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| RefereeID | PK- Referee ID | int |  | Y |  |  |  |  |  | Y |
| FirstName | FirstName | nvarchar | 50 |  |  |  |  |  | Y |  |
| LastName | Last name | nvarchar | 50 |  |  |  |  |  | Y |  |
| Street | street | nvarchar | 50 |  |  |  |  |  | Y |  |
| City | City | nvarchar | 50 |  |  |  |  |  | Y |  |
| State | State (FL) | char | 2 |  |  | FL |  | [State] LIKE ‘[A-Z][A-Z]’ | Y |  |
| Zip | zip | char | 5 |  |  |  |  |  | Y |  |
| Phone | phone | nvarchar | 20 |  |  |  |  |  | Y |  |
| Email | email | nvarchar | 50 |  |  |  |  |  | Y |  |
| MentorID | FK; Recursive FK to the referee Table , synonym for RefereeID | int |  |  |  |  |  |  | Y |  |

**Table: RefereeAssignment**

**Table: Sponsor**

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| SponsorID | PK ; SponsorID | int |  | Y |  |  |  |  | Y |
| Name | Name of the sponsor | nvarchar | 50 |  |  |  |  | Y |  |

**Table : Team**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| TeamID | PK ; TeamID | 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 ; synonym for PlayerID | int |  |  |  |  |  | Y |  |

**Table : TeamMatch**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| TeamID | CPK ;FK to TeamID | int |  |  |  |  |  |  |  |
| MatchID | CPK; FK to match | int |  |  |  |  |  |  |  |
| Goals | goals scored in match | int |  |  |  |  |  | Y |  |
| Result | FK to the player ; synonym for PlayerID | char | 1 |  |  |  |  | Y |  |

**Table: TeamSponsorship**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| SponsorshipID | PK ; SponsorshipID | int |  | Y |  |  |  |  | Y |
| Season | Season sponsorship happens | char | 20 |  |  |  |  | Y |  |
| SponsorID | FK; to SponsorID | int |  |  |  |  |  |  |  |
| TeamID | FK to the TeamID | int |  |  |  |  |  |  |  |

**Table: Vendor**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| VendorID | PK ; VendorID | int |  | Y |  |  |  |  | Y |
| Name | Name of vender | nvarchar | 50 |  |  |  |  | Y |  |
| Phone | Phone number of vendor | nvarchar | 20 |  |  |  |  | Y |  |

**Table: VendorContract**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Column Name** | **Description** | **Data Type** | **Size** | **Identity** | **Unique** | **Rule** | **Check** | **Allow Nulls** | **Index** |
| ContractID | PK ; ContractID | int |  | Y |  |  |  |  | Y |
| Season | Season sponsorship happens | nvarchar | 50 |  |  |  |  | Y |  |
| VendorID | FK; to VendorID | int |  |  |  |  |  |  |  |
| FieldID | FK to the FieldID | int |  |  |  |  |  |  |  |

**Table : VendorType**

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