DataDictionary-BasketballSystem

### Country

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| KEY | FIELD NAME | DATA TYPE / FIELD SIZE | REQUIRED? | NOTES |
| PK | CountryCode | CHAR (3) | Y |  |
|  | CountryName | VARCHAR (50) | Y |  |

### Palyer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| KEY | FIELD NAME | DATA TYPE / FIELD SIZE | REQUIRED? | NOTES |
| PK | PlayerId | INT | Y | Auto increment |
|  | LastName | VARCHAR (30) | Y |  |
|  | FirstName | VARCHAR (30) | Y |  |
|  | Gender | CHAR (1) | Y | Check Constraint, only accept ‘M’ or ‘F’ as valid value |
|  | Height | DECIMAL (10,2) | Y |  |
|  | Weight | DECIMAL (10,2) | Y |  |
|  | ShirtNumber | VARCHAR (10) | Y |  |
|  | Email | VARCHAR (50) |  |  |
|  | CountryCode | CHAR (3) | Y | Foreign Key to Country |
|  | TeamId | INT | Y | Foreign Key to Team |

### Team

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| KEY | FIELD NAME | DATA TYPE / FIELD SIZE | REQUIRED? | NOTES |
| PK | TeamId | INT | Y | Auto increment |
|  | Name | VARCHAR (50) | Y |  |
|  | Abbr | VARCHAR (50) | Y |  |
|  | Logo | VARCHAR (100) | Y |  |

### PositionName

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| KEY | FIELD NAME | DATA TYPE / FIELD SIZE | REQUIRED? | NOTES |
| PK | PositionId | INT | Y | Auto increment |
|  | Name | VARCHAR (50) | Y |  |

### PositionOfPlayer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| KEY | FIELD NAME | DATA TYPE / FIELD SIZE | REQUIRED? | NOTES |
| PK, FK | PositionId | INT | Y | Foreign Key to PositionName |
| PK, FK | PlayerId | INT | Y | Foreign Key to Player |