

### 3. Übungsaufgabe

#### TDate

Eigenschaften:  
short Day  
short Month  
short Year

#### TPlayer

Eigenschaften:  
string Name  
short TricotNr  
TDate Birthday  
string / enum Position  
int NumberOfGoals  
int NumberOfPasses  
Int NumberOfGames  
Int NumberOfYellowCards  
Int NumberOfRedCards

#### TMatch

Eigenschaften:  
TDate Date  
TTime Time  
TTeam \*HomeTeam  
TTeam \*GuestTeam  
TPlayer \*HomePlayer[]  
TPlayer \*GuestPlayer[]  
TEvent \*Events[]  
TScore Score  
string Referee  
TStadium \*Stadium

#### TFoul

Eigenschaften:  
TPlayer \*FoulPlayer

#### TSubstitution

Eigenschaften:  
TPlayer \*NewPlayer

#### TTime

Eigenschaften:  
short Hour  
short Minute

#### TTeam

Eigenschaften:  
string Name  
string Trainer  
int NumberOfGames  
TScore Goals  
int NumberOfPoints  
int NumberOfPlayers  
TPlayer \*Players[]

#### TTournament

Eigenschaften:  
string Name  
int NumberOfTeams  
TTeam Teams[]  
*int NumberOfMatches*  
*TMatch Matches[]*  
int NumberOfStadiums  
TStadium Stadiums[]

#### TScore

Eigenschaften:  
short HomeGoals  
short GuestGoals

#### TCard

Eigenschaften:  
bool Yellow  
bool Red  
*alternativ:*  
enum KindOfCard

#### TStadium

Eigenschaften:  
string Name  
int NumberOfSeats  
string Town  
string Country  
int YearOfConstruction

#### TEvent

Eigenschaften:  
int MinuteOfPlay  
TPlayer \*Player

#### TGoal

Eigenschaften:  
TPlayer \*PassPlayer  
bool OwnGoal

#### TPenalty

Eigenschaften:  
bool Goal

#### TFreekick

Eigenschaften:  
int Distance

