Relational Translation

Participants (<u>Oid,</u> DOB, Pname)
- Oid Not Null

Referees (<u>Oid</u>, Experience, Country)
- Official ID references Participants
- Oid Not Null

Teams (<u>Country</u>, URL, InGroup, Association)
- Country Not Null

Players (<u>Oid</u>, KitNumber, TotalGoals, GenPosition, Country)
- Oid references Participants
- Country foreign key, references Teams
- Country Not Null
- Oid Not Null

Coaches (<u>Oid</u>, Role, Country)
- Oid references Participants
- Country foreign key, references Teams
- Country Not Null
- Oid Not Null

Stadiums (<u>Sname</u>, Location, Capacity)
- Sname Not Null

Matches (<u>Mid</u>, InRound, Mtime, Mdate, Mlength, Sname, Country1, Country2, IsCompleted)
- Sname foreign key, references Stadiums
- Country1 foreign key, references Teams
- Country2 foreign key, reference Teams
- Country1 Not Null
- Country2 Not Null
- Sname Not Null
- Mid Not Null
- IsCompleted Not Null

Officiates (<u>Oid, Mid</u>, Role)
- Oid foreign key, references Participants
- Oid Not Null
- Mid foreign key, references Matches
- Mid Not Null

Stats (<u>Oid, Mid</u>, InTime, OutTime, PosInGame, RedCard, YellowCards)
- Oid foreign key, references Participants
- Oid Not Null
- Mid foreign key, references Matches
- Mid Not Null

Goals (<u>Mid, GoalOccurrence,</u> Oid, Country, PlayerName, IsPenalty, Time)

- Mid foreign key, references Matches.

- Oid foreign key, references Players
- Mid Not Null
- GoalOccurence Not Null

Customers (Cid, Cname, BillAddress, PaymentInfo)

- Cid foreign key, references Customers
- Cid Not Null

Tickets (Cid, Tnumber, Price)

- Cid foreign key, references Customers
- Cid Not Null
- Tnumber Not Null

TicketForMatch (Cid, Tnumber, Mid)

- Cid foreign key, references Customers
- Cid Not Null
- Tnumber Not Null
- Mid foreign key, references Matches
- Mid Not Null

Seats (Sname, Snumber, Tier)

- Sname foreign key, references Stadiums
- Sname Not Null
- Snumber Not Null

SeatOfTicket (Customer ID, Tnumber, Sname, Snumber)

- Sname foreign key, references Stadiums
- Sname Not Null
- Snumber foreign key, references Seats
- Snumber Not Null
- Cid foreign key, references Customers
- Cid Not Null
- Tnumber Not Null