A picture containing text, map

Description generated with very high confidence

Assume all members have a unique ID, and we will record the name of members. Each customer has a unique passport ID, and we will record the name, email, phone numbers and nationality. Customer can have multiple phone numbers.

Tournament [Year, Host country]

Country [CountryName, Population, Year]

Team [TeamName, CountryName]

Member [MemberID, MemberName, TeamName]

Supportstaff [SupportstaffID]

Manager [ManagerID]

Player [PlayerID, Club]

Customer [PassportID, Name, Email, Nationality]

Has\_ticket [Year, Time, Date, Venue, PassportID, Price]

Customer\_phone [PassportID, Phone]

Match [Year, Time, Date, Venue, Team1\_Name, Team2\_Name]

Pool [Year, Time, Date, Venue]

Elimination [Year, Time, Date, Venue, shoot\_out\_score]

Score\_goal [Year, Time, Date, Venue, PlayerID, Score\_time]

Save\_goal [Year, Time, Date, Venue, PlayerID, Save\_time]

Match.Year references Tournament.Year

Country.Year references Tournament.Year

Team.CountryName references Country.CountryName

Match.Team1\_Name references Team.TeamName

Match.Team2\_Name references Team.TeamName

Member.TeamName references Team.TeamName

Player.PlayerID references Member.MemberID

Manager.ManagerID references Member.MemberID

Supportstaff.SupportstaffID references Member.MemberID

Customer\_phone.PassportID references Customer.PassportID

Pool.[Year, Time, Date, Venue] references Match.[Year, Time, Date, Venue]

Elimination.[Year, Time, Date, Venue] references Match.[Year, Time, Date, Venue]

Score\_goal.[Year, Time, Date, Venue] references Match.[Year, Time, Date, Venue]

Score\_goal.PlayerID reference Player.PlayerID

Save\_goal.[Year, Time, Date, Venue] references Match.[Year, Time, Date, Venue]

Save\_goal.PlayerID reference Player.PlayerID

Has\_ticket.[Year, Time, Date, Venue] references Match.[Year, Time, Date, Venue]

Has\_ticket.PassportID references Customer.PassportID

Q2.

PRODUCTS [MatchID, ProductID, ProductType, Description, Price, Alcoholic, VendorID, VendorName, Quantity, SeniorDiscount]

All functional dependencies:

ProductID 🡪 ProductType, Description, SeniorDiscount, Alcoholic

VendorID 🡪 VendorName

MatchID, VendorID 🡪 Quantity

MatchID, ProductID 🡪 Price

Normalize PRODUCTS relation to BCNF:

A screenshot of a cell phone

Description generated with very high confidence