

# Oefening 5 - Handbalcompetitie

- Team: uniek nummer, unieke naam, naam coach, telnr coach, telnr club
- Wedstrijden: 2 teams tegen elkaar
- Match: unieke code, thuisploeg, uitploeg, datum + tijd match, locatie, resultaat
- Spelers: welk team, lidnr, naam, adres, geboortedatum
- Match: deelnemende spelers, aantal doelpunten, shirtnummer

# Oefening 5 - Handbalcompetitie

Kandidaatsleutels?

Team(id\_team, name, coach, coach\_phone, id\_club)

Match(id\_match, id\_home\_team, id\_away\_team, timestamp, location, result)

Player(id\_player, name, street, postal\_number, city, birthdate, id\_team)

Participation(id\_player, id\_match, goals, shirt\_number)

# Oefening 5 - Handbalcompetitie

Kandidaatsleutels

Team(**id\_team**, **name**, coach, coach\_phone, id\_club)

Match(**id\_match**, **id\_home\_team**, id\_away\_team, **timestamp**, location, result)

Player(**id\_player**, name, street, postal\_number, city, birthdate, id\_team)

Participation(**id\_player**, **id\_match**, goals, shirt\_number)

# Oefening 5 - Handbalcompetitie

Primaire sleutels?

Team(id\_team, name, coach, coach\_phone, id\_club)

Match(id\_match, id\_home\_team, id\_away\_team, timestamp, location, result)

Player(id\_player, name, street, postal\_number, city, birthdate, id\_team)

Participation(id\_player, id\_match, goals, shirt\_number)

# Oefening 5 - Handbalcompetitie

Primaire sleutels

PK

Team(id\_team, name, coach, coach\_phone, id\_club)

Match(id\_match, id\_home\_team, id\_away\_team, timestamp, location, result)

Player(id\_player, name, street, postal\_number, city, birthdate, id\_team)

Participation(id\_player, id\_match, goals, shirt\_number)

# Oefening 5 - Handbalcompetitie

Verwijssleutels?

PK

Team(id\_team, name, coach, coach\_phone, id\_club)

Match(id\_match, id\_home\_team, id\_away\_team, timestamp, location, result)

Player(id\_player, name, street, postal\_number, city, birthdate, id\_team)

Participation(id\_player, id\_match, goals, shirt\_number)

# Oefening 5 - Handbalcompetitie

Verwijssleutel

PK

FK

Team(id\_team, name, coach, coach\_phone, id\_club)

Match(id\_match, id\_home\_team, id\_away\_team, timestamp, location, result)

Player(id\_player, name, street, postal\_number, city, birthdate, id\_team)

Participation(id\_player, id\_match, goals, shirt\_number)

# Oefening 5 - Handbalcompetitie

ERD?

Team(id\_team, name, coach, coach\_phone, id\_club)

Match(id\_match, id\_home\_team, id\_away\_team, timestamp, location, result)

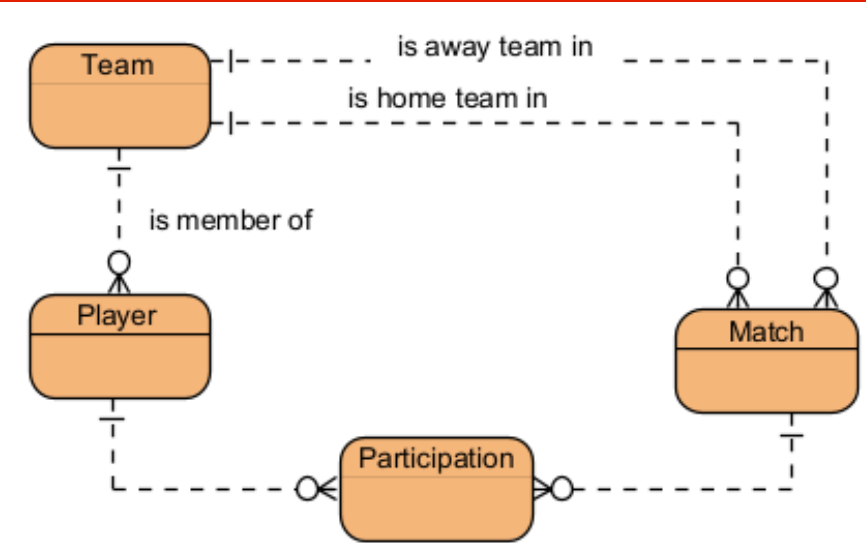
Player(id\_player, name, street, postal\_number, city, birthdate, id\_team)

Participation(id\_player, id\_match, goals, shirt\_number)



# Oefening 5 - Handbalcompetitie

## ERD



Team(id\_team, name, coach, coach\_phone, id\_club)

Match(id\_match, id\_home\_team, id\_away\_team, timestamp, location, result)

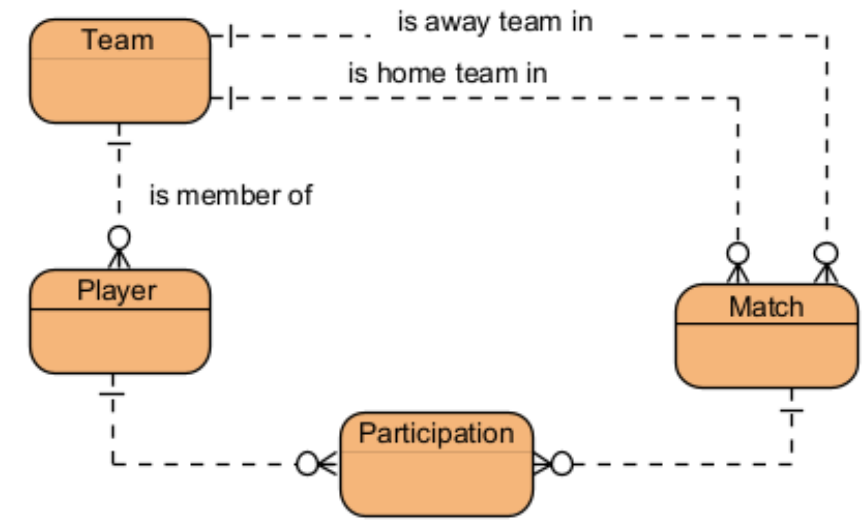
Player(id\_player, name, street, postal\_number, city, birthdate, id\_team)

Participation(id\_player, id\_match, goals, shirt\_number)

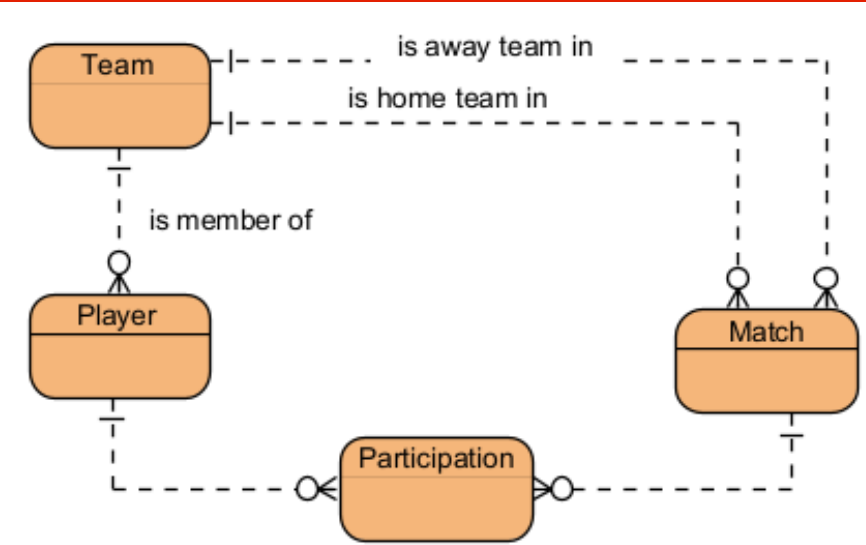
# Oefening 5 - Handbalcompetitie

Team volledig wissen

- Welke stappen?



# Oefening 5 - Handbalcompetitie



Team volledig wissen

- Alle matches van team verwijderen (bezoekende ploeg, thuisploeg)
  - tupels in Matches verwijderen die verwijzen naar team
  - ➔ Alle deelnames aan zo'n matches verwijderen
  - ➔ Eerst tupels in Participants die verwijzen naar matches waar het team in meespeelt
- Alle leden van team verwijderen
  - tupels in Players verwijderen die verwijzen naar het team
  - ➔ Alle deelnames van leden van team verwijderen
  - ➔ Eerst tupels in Participants die verwijzen naar spelers van het team

- Team verwijderen