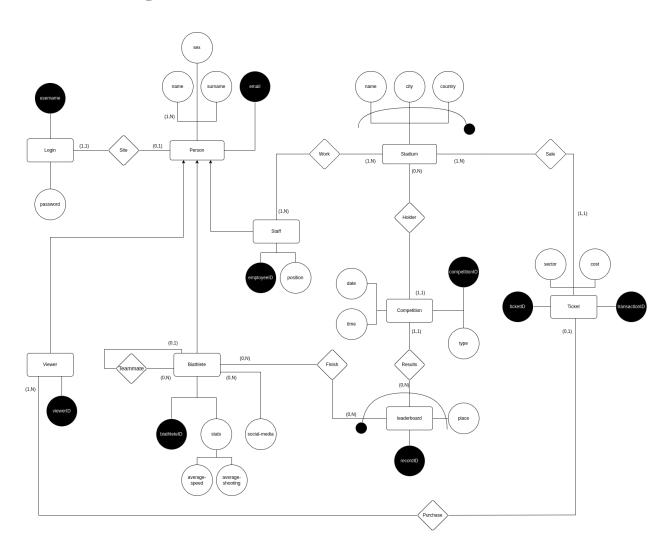# Conceptual & Relational model

Person(email, surname, sex)

Names(email, name)

    FK: (email) ⊆ Person(email)

Login(username,password)

Site(email,username)

    FK: (email) ⊆ Person(email)

    FK: (username) ⊆ Login(username)

Viewer(email, viewerID)

    FK: (email) ⊆ Person(email)

Ticket(ticketID, transactionID, sector, cost)

Purchase(viewerID, ticketID)

    FK: (viewerID) ⊆ Viewer(viewerID)

    FK: (ticketID) ⊆ Ticket(ticketID)

Staff(employeeID, position)

Stadium(name, city, country)

Work(employee,stadium-name, stadium-city, stadium-country)

    FK: (employee) ⊆ Staff(employeeID)

    FK: (stadium-name, stadium-city, stadium-country) ⊆ Stadium(name,city,country)

Sale(ticketID, stadium-name, stadium-city, stadium-country)

    FK: (tikcetID) ⊆ Ticket(ticketID)

    FK: (stadium-name, stadium-city, stadium-country) ⊆ Stadium(name,city,country)

Biathlete(email, biathleteID)

Media(<u>biathlete, link</u>)

    FK: (biathlete) ⊆ Biathlete(biathleteID)

Stats(<u>biathlete,</u> average-speed, average-shooting)

    FK: (<u>biathlete</u>) ⊆ Biathlete(biathleteID)

Teammates(<u>teammate</u>, biathlete)

    FK: (teammate) ⊆ Biathlete(biathleteID)

    FK: (biathlete) ⊆ Biathlete(biathleteID)

Competition(<u>competitionID</u>, type,date,time)

Holder(<u>competition</u>, <u>stadium-name, stadium-city, stadium-country</u>)

    FK: (competition) ⊆ Competition(competitionID)

    FK: (stadium-name, stadium-city, stadium-country) ⊆ Stadium(name,city,country)

Leaderboard(<u>place,competition,biathlete</u>, <u>recordID</u>)

    FK: (<u>competition</u>) ⊆ Competition(competitionID)

    FK: (biathlete) ⊆ Biathlete(biathleteID)

Results(<u>competition,recordID</u>)

    FK: (competition) ⊆ Competition(competitionID)

    FK: (recordID) ⊆ Leaderboard(recordID)

Finish(<u>biathlete, recordID</u>)

    FK: (recordID) ⊆ Leaderboard(recordID)

    FK: (biathlete) ⊆ Biathlete(biathleteID)