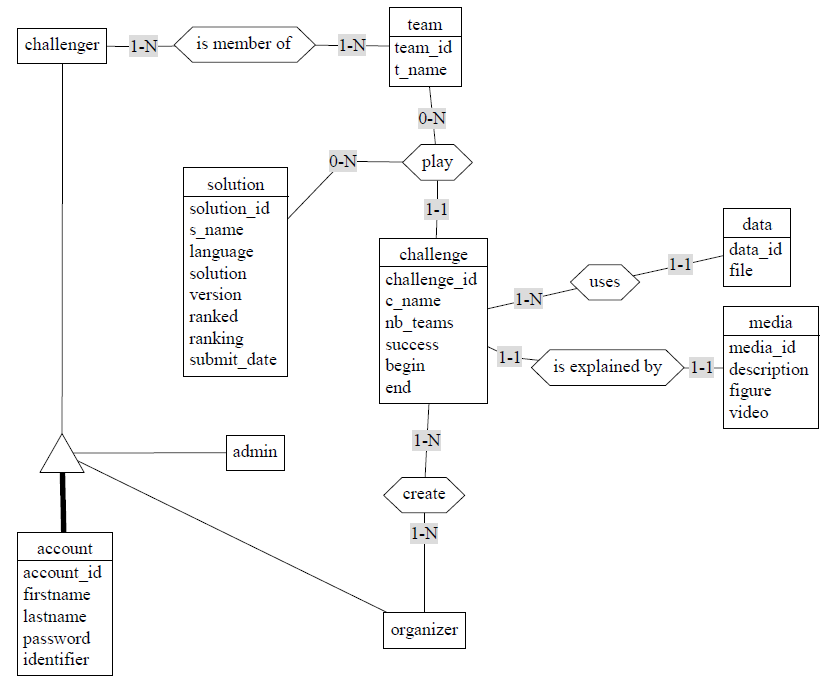
Database = hashcode

Tables : user(user\_id, u\_firstname, u\_lastname, u\_password, identifier, ranking)  
 team(team\_id, t\_name)  
 user-team(#user\_id, #team\_id)  
 organizer(organizer\_id, o\_firstname, o\_lastname, o\_password)  
 challenge(challenge\_id, c\_name, nb\_teams, success, begin, end, #media\_id)  
 organizer-challenge(#organizer\_id, #challenge\_id)  
 media(media\_id, description, figure, video)  
 data(data\_id, file)  
 challenge-data(#challenge\_id, #data\_id)  
 solution(solution\_id, s\_name, language, solution, version, ranked, ranking, submit\_date)  
 participation(#challenge\_id, #team\_id, #solution\_id)  
 admin(admin\_id, identifier, a\_password)  
 

Tables : account(id\_account, firstname, lastname, email, password, token, image, #id\_role)  
 role(id\_role, name)

team(id\_team, t\_name, #challenge, #leader)  
 challenge(id\_challenge, c\_name, nb\_teams, date\_inscription, begin, end, mediaXML)  
 solution(id\_solution, s\_name, language, solution, version, ranked, ranking, submit\_date, #challenge, #team, #account)  
 data(id\_data, file)

Tables-associations : challenger-team(#id\_challenger, #id\_team)­  
 challenge-organizer(#id\_challenge, #id\_organizer)

DF :

* Account :
  + "id\_account" définit tous les autres champs dans la tables
  + Email --> id\_account
  + Token --> id\_account
* Role :
  + Id\_role --> name
* Team :
  + "id\_team" définit tous les autres champs dans la tables
* Challenge :
  + "id\_challenge" définit tous les autres champs dans la tables
  + Begin --> id\_challenge
  + End --> id\_challenge
* Solution :
  + "id\_solution" définit tous les autres champs dans la tables
* Data :
  + Id\_data --> file
* Team :
  + "id\_team" définit tous les autres champs dans la tables

