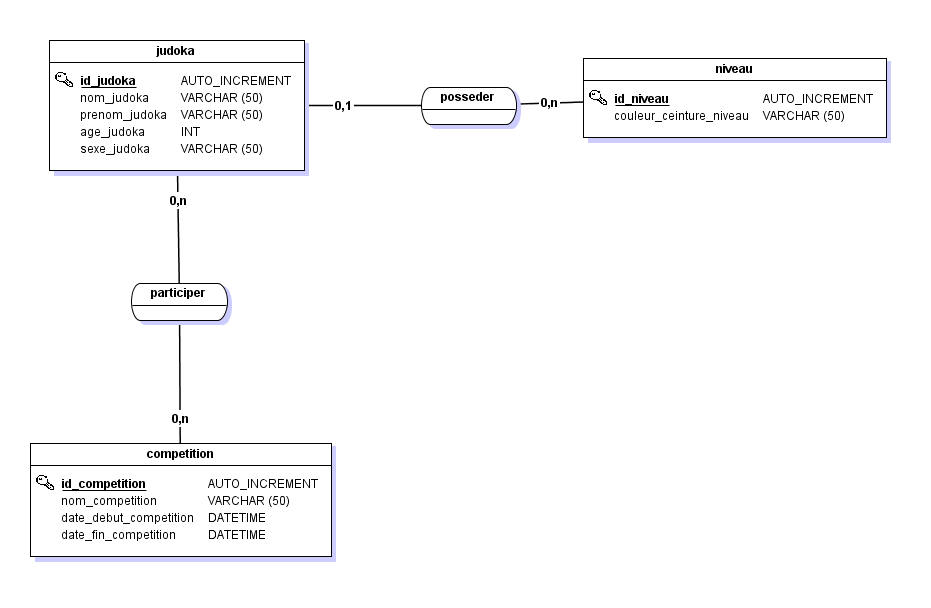
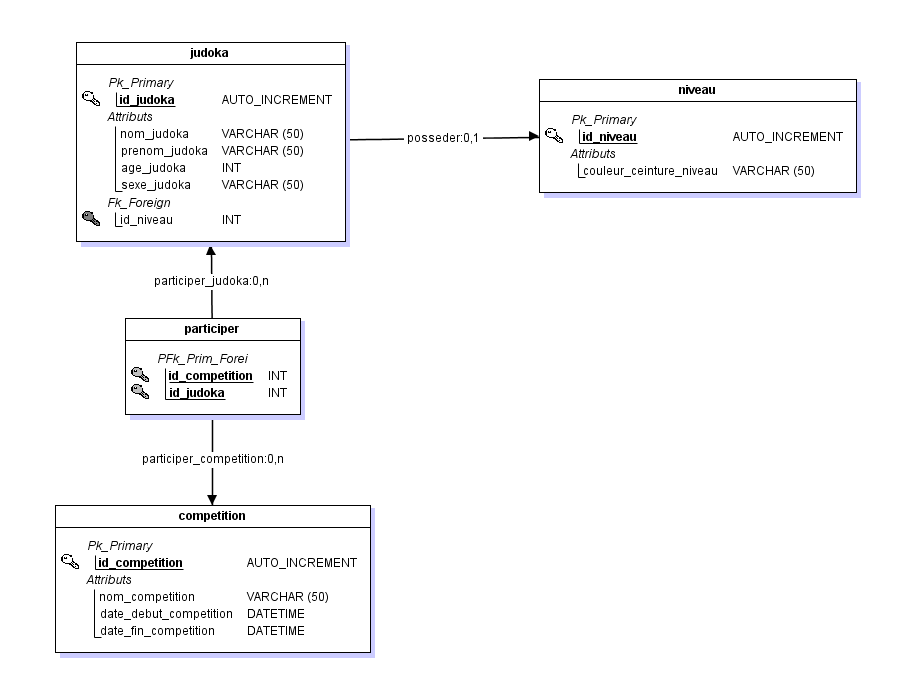
**Evaluation fin SQL: Sandy**

**Partie 1: MCD/MLD**

MCD

MLD



**Partie 2: Création de la structure de base de données:**

create database evaljudoka;

use evaljudoka;

create table niveau(

id\_niveau int primary key auto\_increment not null,

couleur\_ceinture\_niveau varchar(50)

)Engine = InnoDB;

create table judoka(

id\_judoka int primary key auto\_increment not null,

nom\_judoka varchar(50) not null,

prenom\_judoka varchar(50) not null,

age\_judoka int not null,

sexe\_judoka varchar(50),

id\_niveau int not null

)Engine = InnoDB;

create table competition(

id\_competition int primary key auto\_increment not null,

nom\_competition varchar(50) not null,

date\_debut\_competition datetime not null,

date\_fin\_competition datetime not null

)Engine = InnoDB;

create table participer(

id\_competition int not null,

id\_judoka int not null,

primary key(id\_competition,id\_judoka)

)Engine = InnoDB;

-- contraintes:

alter table judoka

add constraint fk\_posseder\_niveau

foreign key(id\_niveau)

references niveau(id\_niveau);

alter table participer

add constraint fk\_participer\_judoka

foreign key(id\_judoka)

references judoka(id\_judoka);

alter table participer

add constraint fk\_participer\_competition

foreign key(id\_competition)

references competition(id\_competition);

-- les inserts:

insert into niveau(couleur\_ceinture\_niveau) values

('blanche'),('jaune'),('orange'),('verte'),('bleu'),('marron'),('noire');

insert into judoka (nom\_judoka, prenom\_judoka, age\_judoka, sexe\_judoka, id\_niveau) values

('lachance','dominique',16,'F',2),

('porter','gilbert',18,'H',3),

('lemaître','anne',15,'F',4),

('robert','juliette',12,'F',1),

('montminy','pierre',17,'H',1),

('charrette','pascal',21,'H',6),

('guay','emilie',19,'F',6),

('maheu','louise',14,'F',4),

('Poulin','Raymond',26,'H',7),

('Dupret','Alain',20,'H',6);

insert into competition(nom\_competition, date\_debut\_competition, date\_fin\_competition) values

('judo31','2021-02-06','2021-02-07'),

('judo31','2021-02-06','2021-02-07'),

('Judo81','2021-03-20','2021-03-21'),

('Judo82','2021-04-17','2021-04-18');

insert into participer(id\_competition,id\_judoka) values

(1,1),(1,3),(1,4),(2,2),(2,5),

(2,6),(2,9),(3,10),(3,9),(4,1),

(4,3),(4,8),(4,4);

-- les updates:

update judoka set id\_niveau=(id\_niveau+1) where id\_judoka<6;

-- insert et suppression:

insert into judoka (nom\_judoka, prenom\_judoka, age\_judoka, sexe\_judoka, id\_niveau) values

('lachance','henri',18,'H',6),

('sartres','laurie',16,'F',6);

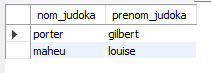
-- les delete:

delete from judoka where id\_judoka = 11;

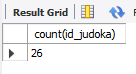
delete from judoka where id\_judoka = 12;

-- les requêtes select

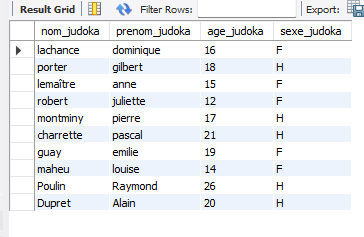
select nom\_judoka,prenom\_judoka from judoka where id\_niveau=4;



select count(id\_judoka) from participer inner join competition where nom\_competition= 'judo31';



select nom\_judoka, prenom\_judoka, age\_judoka,sexe\_judoka from judoka inner join competition where nom\_competition ='judo81';

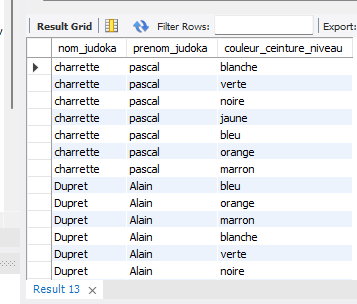


select nom\_judoka,prenom\_judoka, age\_judoka from judoka inner join niveau where judoka.id\_niveau=6 and age\_judoka<19;

-- réponse il n’y en a pas j’ai essayé avec d’autres niveau et j’ai eu des résultats

select nom\_judoka,prenom\_judoka,couleur\_ceinture\_niveau from judoka inner join niveau

order by nom\_judoka asc;



Et voilà, bon courage pour la correction et bon week-end!