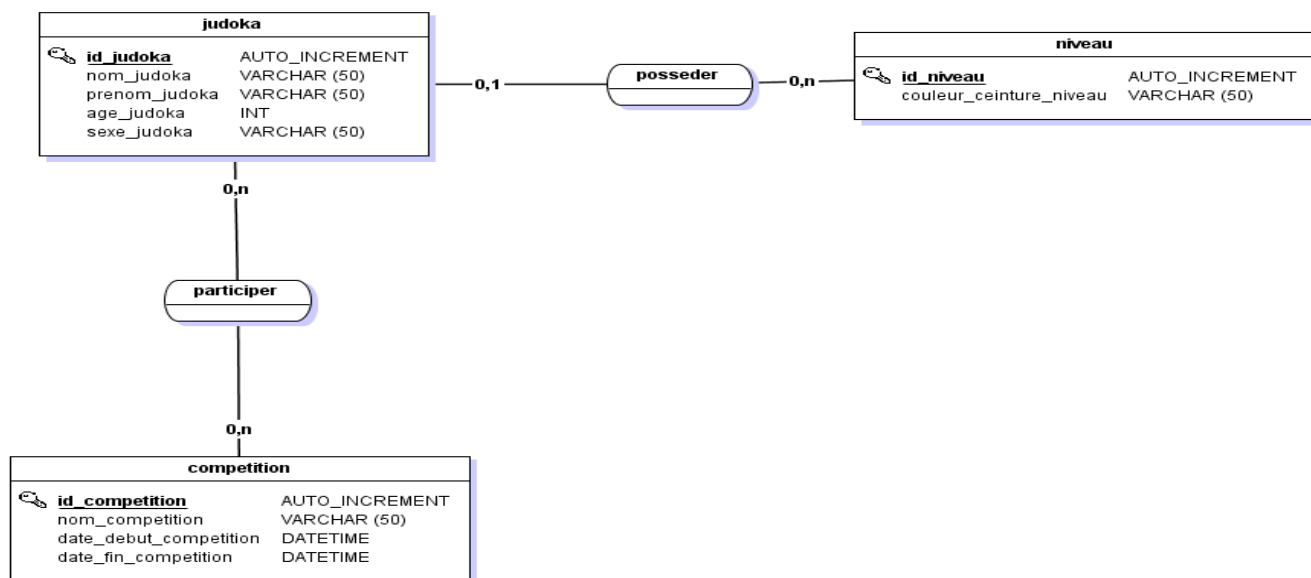


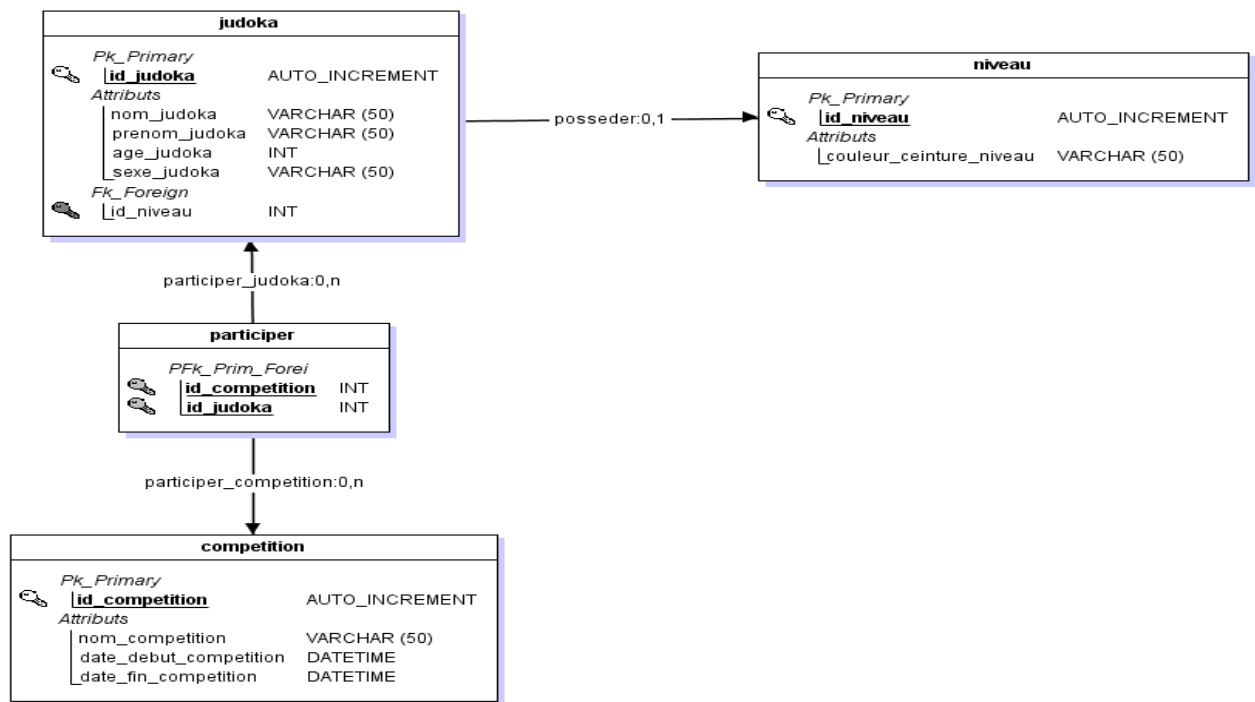
Evaluation fin SQL: Sandy

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;
```

	nom_judoka	prenom_judoka
▶	porter	gilbert
	maheu	louise

```
select count(id_judoka) from participer inner join competition where nom_competition= 'judo31';
```

Result Grid	
	count(id_judoka)
▶	26

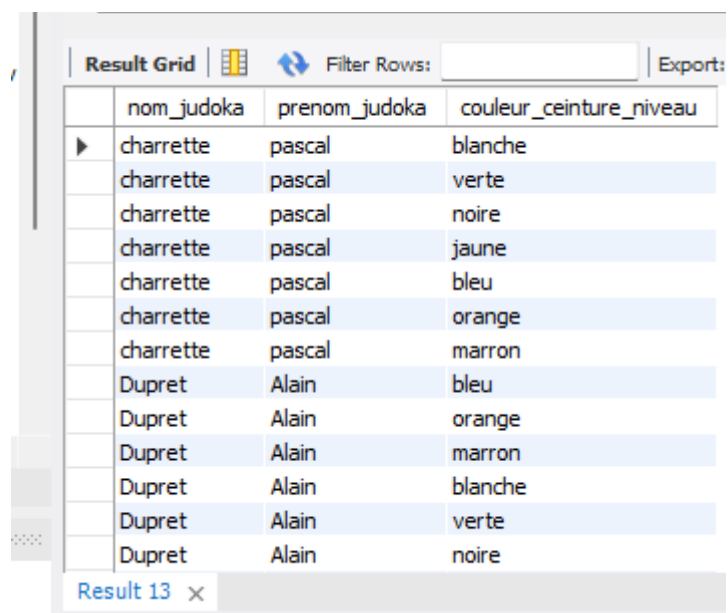
```
select nom_judoka, prenom_judoka, age_judoka,sexe_judoka from judoka inner join competition where nom_competition ='judo81';
```

Result Grid				
	nom_judoka	prenom_judoka	age_judoka	sexe_judoka
▶	lachance	dominique	16	F
	porter	gilbert	18	H
	lemaître	anne	15	F
	robert	juliette	12	F
	montminy	pierre	17	H
	charrette	pascal	21	H
	guay	emilie	19	F
	maheu	louise	14	F
	Poulin	Raymond	26	H
	Dupret	Alain	20	H

```
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;
```



The screenshot shows a database query result grid with the following columns: nom_judoka, prenom_judoka, and couleur_ceinture_niveau. The results are ordered by nom_judoka ascending. The first 7 rows belong to 'charrette pascal' with belt colors: blanche, verte, noire, jaune, bleu, orange, and marron. The next 6 rows belong to 'Dupret Alain' with belt colors: bleu, orange, marron, blanche, verte, and noire. The interface includes a 'Filter Rows' field and an 'Export' button.

	nom_judoka	prenom_judoka	couleur_ceinture_niveau
▶	charrette	pascal	blanche
	charrette	pascal	verte
	charrette	pascal	noire
	charrette	pascal	jaune
	charrette	pascal	bleu
	charrette	pascal	orange
	charrette	pascal	marron
	Dupret	Alain	bleu
	Dupret	Alain	orange
	Dupret	Alain	marron
	Dupret	Alain	blanche
	Dupret	Alain	verte
	Dupret	Alain	noire

Result 13 x

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