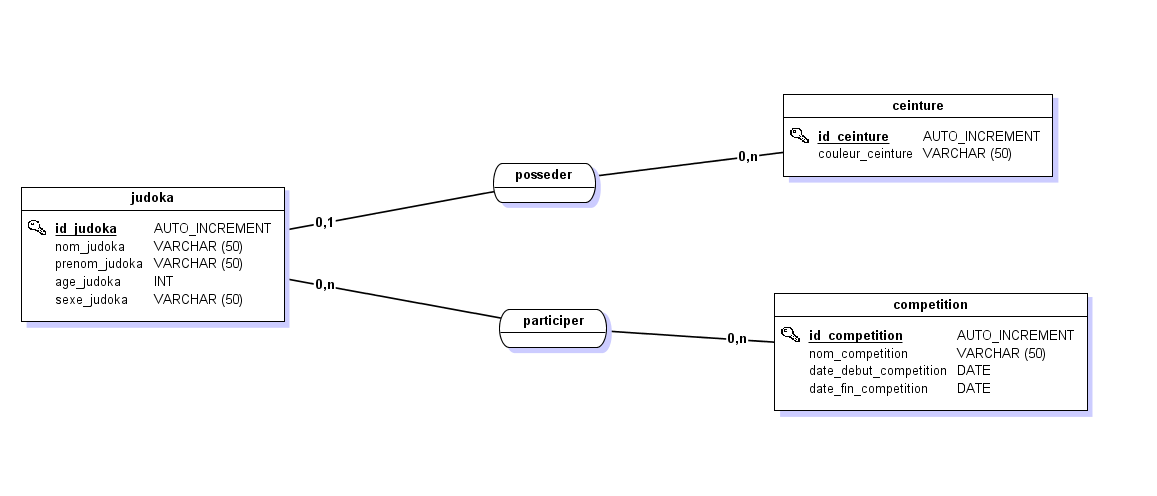
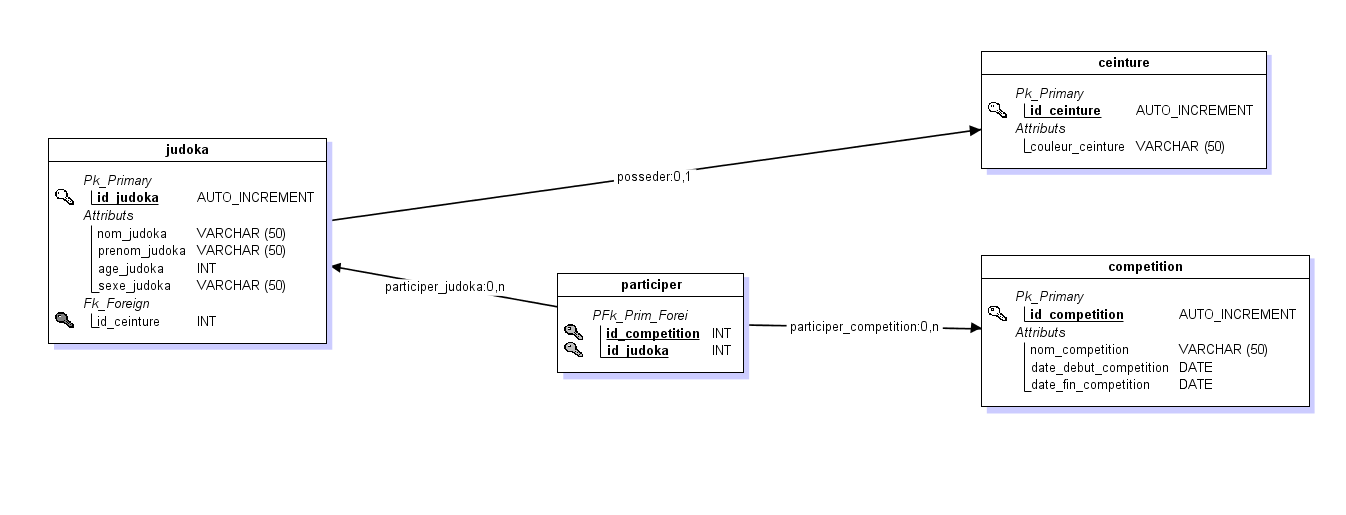
**MCD**



**MLD**



**STRUCTURE SQL**

CREATE DATABASE judo;

USE judo;

CREATE TABLE judoka(

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

nom\_judoka varchar(50),

prenom\_judoka varchar(50),

age\_judoka int not null,

sexe\_judoka varchar(50),

id\_ceinture int not null

)Engine=InnoDB;

CREATE TABLE ceinture(

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

couleur\_ceinture varchar(50)

) Engine=InnoDB;

CREATE TABLE participer(

id\_competition int not null,

id\_judoka int not null,

primary key (id\_competition, id\_judoka)

) Engine=InnoDB;

CREATE TABLE competition(

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

nom\_competition varchar(50),

date\_debut\_competition date not null,

date\_fin\_competition date not null

)Engine=InnoDB;

ALTER TABLE judoka

add constraint fk\_posseder\_ceinture

foreign key (id\_ceinture)

references ceinture(id\_ceinture);

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);

**REQUETES INSERT**

INSERT INTO ceinture (couleur\_ceinture) values

('blanche'),

('jaune'),

('orange'),

('verte'),

('bleu'),

('marron'),

('noire');

INSERT INTO judoka(nom\_judoka, prenom\_judoka, age\_judoka, sexe\_judoka, id\_ceinture) 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', 5),

('Charrette', 'Pascal', 21, 'H', 6),

('Guay', 'Émilie', 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'),

('Judo11', '2021-02-27', '2021-02-28'),

('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, 1),

(3, 9),

(4, 1),

(4, 3),

(4, 8),

(4, 4);

**REQUETE UPDATE**

UPDATE judoka SET id\_ceinture = id\_ceinture + 1 where id\_ceinture < 5;

**REQUETE INSERT DELETE**

INSERT INTO judoka(nom\_judoka, prenom\_judoka, age\_judoka, sexe\_judoka, id\_ceinture) values

('Dupont', 'Jeanne', 16, 'F', 4),

('Durant', 'Tom', 18, 'H', 2);

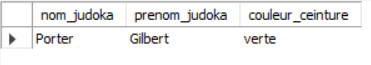
DELETE FROM judoka where id\_judoka > 10;

**REQUETE SELECT**

SELECT nom\_judoka, prenom\_judoka, couleur\_ceinture FROM judoka

INNER JOIN ceinture ON judoka.id\_ceinture = ceinture.id\_ceinture

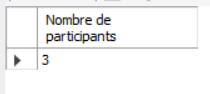
where couleur\_ceinture = 'verte';



SELECT count(id\_judoka) as 'Nombre de participants' FROM participer

INNER JOIN competition ON participer.id\_competition = competition.id\_competition

WHERE nom\_competition = 'judo31';

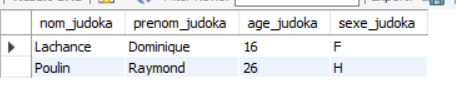


SELECT nom\_judoka, prenom\_judoka, age\_judoka, sexe\_judoka FROM judoka

INNER JOIN participer ON judoka.id\_judoka = participer.id\_judoka

INNER JOIN competition ON participer.id\_competition = competition.id\_competition

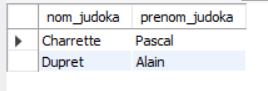
where nom\_competition = 'judo81';



SELECT nom\_judoka, prenom\_judoka FROM judoka

INNER JOIN ceinture ON judoka.id\_ceinture = ceinture.id\_ceinture

WHERE couleur\_ceinture = "marron" AND age\_judoka > 19;



SELECT nom\_judoka, prenom\_judoka, couleur\_ceinture FROM judoka

INNER JOIN ceinture ON judoka.id\_ceinture = ceinture.id\_ceinture

ORDER BY nom\_judoka asc;

