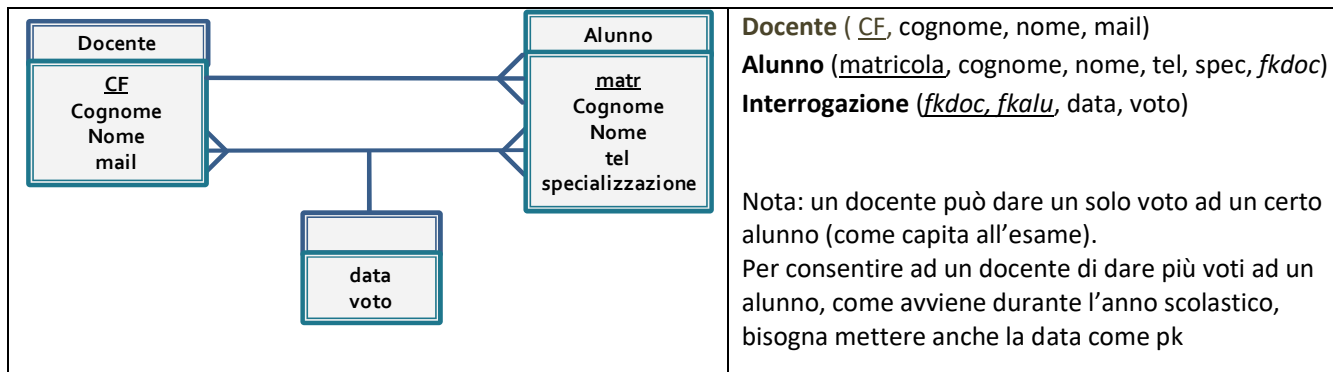


Modello concettuale

Modello logico



Use my_mirprof;

CREATE TABLE Docente (

CF char(16),
 cognome varchar(30) NOT NULL,
 nome varchar (30),
 mail varchar (40),
 PRIMARY KEY (CF)

);

CREATE TABLE Alunno (

matricola int AUTO_INCREMENT,
 cognome varchar(30) NOT NULL,
 nome varchar (30),
 tel varchar (15),
 spec enum('chimica','elettrotecnica','informatica','meccanica') NOT NULL,
 fkdoc char(16),
 PRIMARY KEY (matricola),
 foreign key (fkdoc) references Docente(CF)

);

CREATE TABLE Interrogazione (

fkdoc char(16) NOT NULL,
 fkalu int NOT NULL,
 data Date,
 voto int,
 check (voto>0 and voto<=10),
 PRIMARY KEY (fkdoc, fkalu),
 foreign key (fkdoc) references Docente(CF),
 foreign key (fkalu) references Alunno (matricola)

);

INSERT INTO Docente (CF, cognome, nome , mail) VALUES ('aaa00aaa00aaa001', 'sanna','Giuseppe', 'sg@gmail.com'), ('bbb11bbb11bbb112', 'cabitza','antonio', 'ac@gmail.com');

CF	cognome	nome	mail
aaa00aaa00aaa001	sanna	Giuseppe	sg@gmail.com
bbb11bbb11bbb112	cabitza	antonio	ac@gmail.com

INSERT INTO Alunno (cognome, nome , tel, spec, fkdoc) VALUES ('Congiatu','Pierino', '123456', 'informatica', 'aaa00aaa00aaa001');

matricola	cognome	nome	tel	spec	fkdoc
1	Congiatu	Pierino	123456	informatica	aaa00aaa00aaa001

INSERT INTO Interrogazione (fkdoc, fkalu, data, voto) VALUES ('aaa00aaa00aaa001', 1, '2018-01-16', 7);

fkdoc	fkalu	data	voto
aaa00aaa00aaa001	1	2018-01-16	7