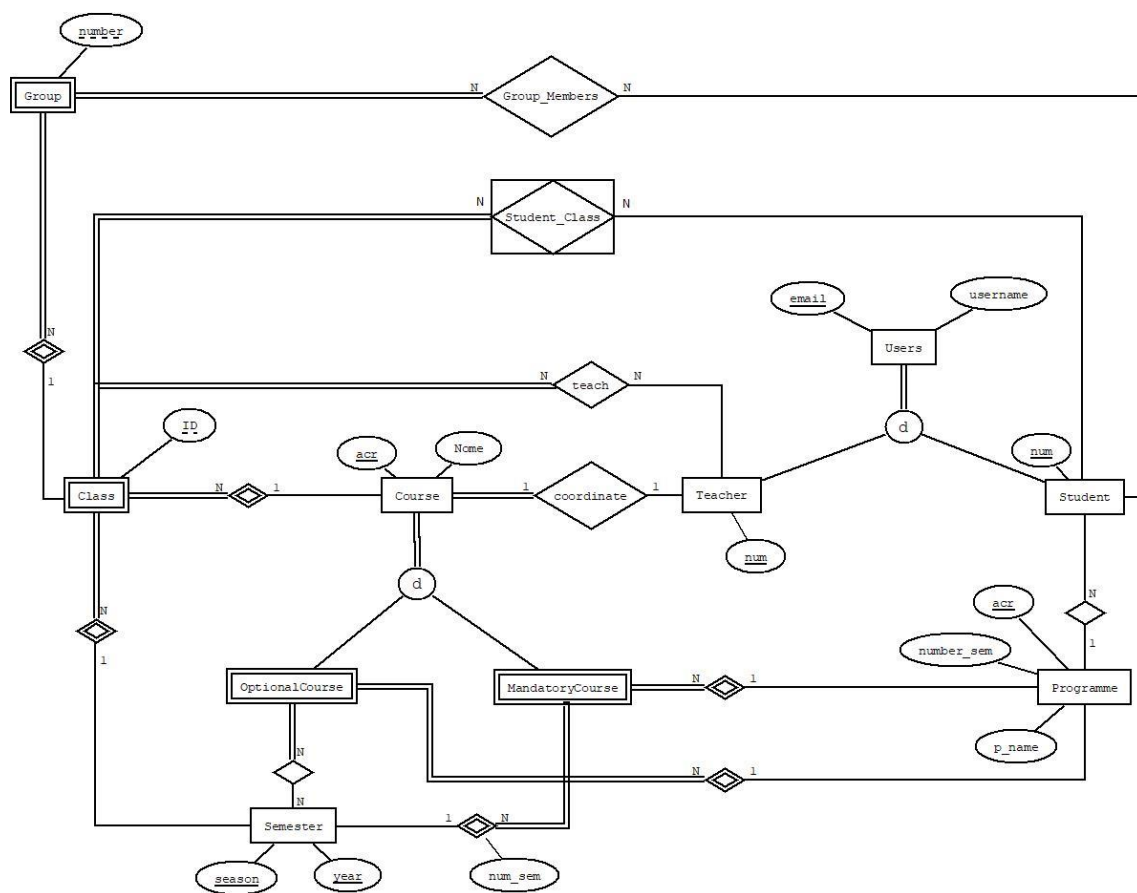


Informações sobre o Modelo

1. Modelo Entidade-Associação



2. Modelo Relacional

Tabela	Chaves
<u>Entidades Fortes</u>	
Users (email, username)	CC = {{email}}
Course (acr, c_name, numCoord)	CC = {{acr}} CE = {{numCoord}} numCoord: Teacher (num)
Programme (acr, p_name, number_sem)	CC = {{acr}}
Student (num, email, p_acr)	CC = {{num}} CE = {{email}, p_acr}} email: Users(email) p_acr: Programme (p_acr)
Teacher (num, email)	CC = {{num}} CE = {{email}} email: Users (email)
Semester (season, year)	CC = {{season, year}}
<u>Entidades Fracas</u>	
Mandatory_course (acr, yearSem, season, acrProgramme)	CC = {{acr, year, season, acrProgramme}} CE = {{acr}, {year, season}, {acrProgramme}} year, season: Semester (year, season) acr: Course (acr) acrProgramme: Programme (acr)

Optional_course (acr, acrProgramme)	CE = {{acr}, {acrProgramme}} acr: Course (acr) acrProgramme: Programme (acr)
Class (id, year, season, acrCourse)	CC= {{id, year, season, acrCourse}} CE= {{year, season}, {acrCourse}} year, season: Semester (year, season) acrCourse: Course (acr)
Group (number, classID, yearSem, season, acrCourse)	CC = {{number, classID, yearSem, season, acrCourse}} CE = {{classID, yearSem, season, acrCourse}} classID, yearSem, season, acrCourse: Class (id, yearSem, season, acrCourse)

Associações

Sem_Optionalcourse (acr, yearSem, season, acrProgramme)	CC = {{acr, yearSem, season, acrProgramme}} CE = {{acr}, {yearSem,season}, {acrProgramme}} acr: Optional_course (acr) yearSem, season: Semester (yearSem, season) acrProgramme: Programme (acr)
Teacher_Class (id, yearSem, season, numTeacher, acrCourse)	CC = {{id, yearSem, season, numTeacher, acrCourse}} CE = {{id, yearSem, season, acrCourse}, {numTeacher}} numTeacher: Teacher(num) id, yearSem, season, acrCourse: Class (id, yearSem, season, acrCourse)
Student_Class (numStudent, groupNum, idClass, yearSem, season, acrCourse)	CC = {{numStudent, idClass, yearSem, season, acrCourse}} CE = {{numStudent}, {idClass, yearSem, season, acrCourse}, {groupNum}} groupNum: Group (number) numStudent: Student (num) idClass, yearSem, season, acrCourse: Class (id, yearSem, season, acrCourse)

Group_Members (number, studentNum, classID,
yearSem, season, acrCourse)

CC = { {number, studentNum, classID,
yearSem, season, acrCourse} }
CE = { {studentNum}, {number, classID,
yearSem, season, acrCourse} }

studentNum: Student (num)
number, classID, yearSem, season, acrCourse:
 Group (number, classID, yearSem, season,
acrCourse)