Each person has identifier identity number, firstname, lastname, phone number, mail address and birthdate.

Each person must be any combination of teacher, student or member.

Each person can educate in any number of universities.

Each teacher must bu either one of professor, associate professor or research assistant.

Each teacher must work in a faculty.

Each teacher can message any number of students.

Each teacher can upload any number of files.

Each professor and associate professor are prelectors.

Each prelector can teach any number of courses.

Each research assistant can assist any number of courses.

Each file has identified identity number, filename and url.

Each file must belong to either one of student’s file or teacher’s file.

Each student’s file must belong to either one of private file or public file.

Each teacher’s file must belong to either one of private file or public file.

Each course has identified identity number, name, course code and credit.

Each course can give any number of projects.

Each course must belong to a faculty.

Each course can be taught by any number of prelectors.

Each course can be assisted by any number of research assistants.

Each course can store any number of teacher’s public files.

Each course can be taken by any number of students.

Each project has identified identity number, title and description.

Each project must belong to a course.

Each project can be worked on any number of students.

Each project can have any number of submitted student’s public files.

Each student has average point, degree and grade.

Each student can upload any number of files.

Each student can work on any number of projects.

Each student can message any number of teachers.

Each faculty has identified identity number and name.

Each faculty must belong to exactly one university.

Each faculty can have any number of teachers working in it.

Each faculty can give any number of courses.

Each organization has identified identity number, location, phone number, mail address and name.

Each organization must be either one of the university or company.

Each university can have any number of faculties belonging to it.

Each university can educate any number of people.

Each member has a password.

Each member can recommend any number of members.

Each member can be recommended by any number of members.

Each member can work for any number of organizations.

Each member can apply to any number of job offers.

Each member can create any number of groups.

Each member can join any number of groups.

Each member can follow any number of members.

Each member can be followed by any number of members.

Each group has identified identity number, name and description.

Each group must be created by exactly one member.

Each group can have any number of members who joined it.

Each job offer has identified identity number, offer title, description, salary and location.

Each job offer must belong a company.

Each job offer can be applied by any number of members.