

-- idnr=national identification number (10 digits)
Students(idnr, name, login, program)

Branches(name, program)

Courses(code, name, credits, department)

LimitedCourses(code, capacity)
code → Courses.code

StudentBranches(student, branch, program)
student → Students.idnr
(branch, program) → Branches.(name, program)

Classifications(name)

Classified(course, classification)
course → courses.code
classification → Classifications.name

MandatoryProgram(course, program)
course → Courses.code

MandatoryBranch(course, branch, program)
course → Courses.code
(branch, program) → Branches.(name, program)

RecommendedBranch(course, branch, program)
course → Courses.code
(branch, program) → Branches.(name, program)

Registered(student, course)
student → Students.idnr
course → Courses.code

Taken(student, course, grade)
student → Students.idnr
course → Courses.code

-- position is either a SERIAL, a TIMESTAMP or the actual position
WaitingList(student, course, position)
student → Students.idnr
course → Limitedcourses.code