-- idnr=national identification number (10 digits)

Programs(name, abbreviation)

Branches(name,program)
      program → Programs.name

Departments(name, abbreviation)

DepartmentCourse(course,department)
      course→ Courses.code
      department → Departments.name

DepartmentProgram(program, department)
      program → Programs.name
      department → Departments.name

Students(idnr, name, login, program)

Courses(code, name, credits, department)

Prerequisites(course ,prerequisiteCourse)
      prerequisiteCourse → Courses.code
      course→ Courses.code

LimitedCourses(code, capacity)
      code → Courses.code

StudentPrograms(student,program)
      student → Students.idnr
      program → Programs.name
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)

program → Programs.name
    course → Courses.code

MandatoryBranch(<u>course</u>, <u>branch</u>, <u>program</u>)

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

RecommendedBranch(<u>course</u>, <u>branch</u>, <u>program</u>)
    course → Courses.code
    (branch, program) → Branches.(name, program)

Registered(<u>student</u>, <u>course</u>)
    student → Students.idnr
    course → Courses.code

Taken(<u>student</u>, <u>course</u>, grade)
    student → Students.idnr
    course → Courses.code

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