Classification(<u>name</u>)

Courses(<u>code</u>,name,credit,department)
      department -> Department.abbrevation

Students(<u>personalNumber</u>,name,studentId,branchName,programName)
      branchName -> Branches.name
      programName -> Programs.name

IsPrerequisite(<u>code,prerequisite</u>)
      code -> Courses.code
      prerequisite -> Courses.code

HasClassification(<u>name,code</u>)
      name -> Classification.name
      code -> Courses.code

LimitedCourse(<u>code</u>,maximumAmount)
      code -> Courses.code

WaitingFor(<u>code,personalNumber</u>,sinceDate)
      code -> Courses.code
      personalNumber -> Students.personalNumber

CourseCompleted(<u>personalNumber,courseCode</u>,grade)
      personalNumber -> Students.personalNumber
      courseCode -> Courses.code

IsRegisteredFor(<u>personalNumber,courseCode</u>)
      personalNumber -> Students.personalNumber
      courseCode -> Courses.code

AdditionalMandatory(<u>courseCode,branchName,programName</u>)
      courseCode -> Courses.code
      branchName -> Branches.name
      programName -> Programs.name

IsRecommended(<u>courseCode,branchName,programName</u>)
      courseCode -> Courses.code
      branchName -> Branches.name
      programName -> Programs.name

IsMandatory(courseCode,program)
      courseCode -> Courses.code
      program -> Programs.name

BelongsTo(<u>personalNumber</u>,branchName,programName)
      personalNumber -> Students.personalNumber
      branchName -> Branches.name
      programName -> Programs.name

Branches(<u>name,programName</u>)
      programName -> Programs.name

Departments(<u>abbrevations</u>,name)

HostPrograms(<u>abbrevations,programName</u>)
      abbrevations -> Departments.abbrevations
      programName -> Programs.name