Entities:

Department(name, <u>abbreviation</u>)

StudyProgramme(<u>name</u>, abbreviation)

Branch(<u>spName</u>, <u>name</u>)
        spName -> StudyProgramme.name

Course(courseName, creditPoints, <u>code,</u> departName)
        departName -> Department.abbreviation

LimitedCourse(<u>courseCode</u>, #maxParticipants)
        courseCode -> Course.code

Student(name, <u>id</u>, <u>spName</u>, <u>bName</u>)
        spName -> StudyProgramme.Name
        bName -> Branch.name

Classification(<u>name</u>)

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Relationships:

HostBy(<u>dAbbreviation</u>, <u>spName</u>)
        dAbbreviation -> Department.abbreviation
        spName -> StudyProgramme.name

IsMandatory(<u>courseCode</u>, <u>spName</u>)
        courseCode -> Course.code
        spName -> StudyProgramme.name

IsRecommended(<u>courseCode</u>, <u>bName</u>)
        courseCode -> Course.code
        bName -> Branch.name

IsAddMandatory(<u>courseCode</u>, <u>bName</u>)
        courseCode -> Course.code
        bName -> Branch.name

IsRegistered(<u>courseCode</u>, <u>studentID</u>)
        courseCode -> Course.code
        studentID -> Student.id

HasCompleted(<u>courseCode</u>, <u>studentID</u>, grade)
        courseCode -> Course.code
        studentID -> Student.id

IsWaiting(sinceDate, <u>studentID</u>, <u>courseCode</u>)
        studentID -> Student.id
        courseCode -> LimitedCourse.code

HasClassification(<u>courseCode</u>, <u>className</u>)
        courseCode -> Course.code
        className -> Classification.name