

Branch(branchName, programmeName)
programmeName -> Programme.programmeName

Course(courseCode, courseName, credits, deptName)
deptName -> Department.departmentName

Department(departmentName, abbreviation)
unique abbreviation

Programme(programmeName, abbreviation)

Category(name)

Student(studentID, name, nationalIDNbr, attendingProgramme)
attendingProgramme -> Programme.programmeName
unique nationalIDNbr

Queueable Course(courseCode, capacity)
courseCode -> Course.courseCode

Hosted By(departmentName, programmeName)
departmentName -> Department.departmentName
programmeName -> Programme.programmeName

Takes(courseCode, studentID)
courseCode -> Course.courseCode
studentID -> Student.studentID

Queues for(courseCode, studentID, placeInQueue)
courseCode -> Queueable Course.courseCode
studentID -> Student.studentID

Belongs to(branchName, programmeName, studentID)
(branchName, programmeName) -> Branch.(branchName, programmeName)
(studentID, programmeName) -> Student.(studentID, attendingProgramme)

Completed(studentID, courseCode, grade)
studentID -> Student.studentID
courseCode -> Course.courseCode

Mandatory(branchName, programmeName, courseCode)
(branchName, programmeName) -> Branch.(branchName, programmeName)
courseCode -> Course.courseCode

Recommended(branchName, programmeName, courseCode)
(branchName, programmeName) -> Branch.(branchName, programmeName)
courseCode -> Course.courseCode

Mandatory(programmeName, courseCode)

programmeName -> Programme.programmeName

courseCode -> Course.courseCode

Recommended(programmeName, courseCode)

programmeName -> Programme.programmeName

courseCode -> Course.courseCode

Requirements(courseCode, code)

courseCode -> Course.courseCode

code -> Course.courseCode

Classified as(courseCode, name)

courseCode -> Course.courseCode

name -> Category.name