**FUNCTIONAL DEPENDECIES**

All Functional Dependencies are Boyce Codd Normal Form. They are suitable for First, Second, and Third Normal Forms.

Student (StudentID, Name, Surname, Address, BirthPlace, BirthDate, GPA)

S🡪 NUAPDG

Department (DepartmentID, Dname)

D🡪N

Study (StudentID, DepartmentID)

It is a BCNF. Because the table is atomic, has no partial dependency and no transitive dependency and all attributes are prime.

Course (CourseID, CourseName, QuotaLimit)

C 🡪 NQ

Instructor (InstructorID, Name, Surname, Adress, BirthDate, BirthPlace)

I 🡪 NSADP

Has (CourseID, InstructorID)

It is a BCNF. Because the table is atomic, has no partial dependency and no transitive dependency and all attributes are prime.

Work On (DepartmentID, InstructorID)

It is a BCNF. Because the table is atomic, has no partial dependency and no transitive dependency and all attributes are prime.

Enroll (CourseID, StudentID, LetterGrade)

CS🡪 L

Dependent (StudentID, PName, Relationship)

SP🡪 R