Team Members: Ana Parra, Ben Beadle, Patrick Poteet

1. Below are the relational schemas

Student	
UIN	INT
Name	STRING
Major	STRING

Teaches	
Dept	STRING
Number	INT
FacultyID	INT

Class	
Dept	STRING
Number	INT
Hours	INT
Name	STRING

Leads	
FacultyID	INT
StudentOrgID	INT
Joined	DATE

MemberOf	
UIN	INT
StudentOrgID	INT
Joined	DATE

Faculty	
ID	INT
Name	STRING
Salary	INT

Advises	
UIN	INT
FacultyID	INT

Student Organization	
ID	INT
Name	STRING
Category	STRING

EnrolledIn	
Semester	STRING
ClassDept	STRING
ClassNumber	INT
UIN	INT
Grade	INT

2. Functional Dependencies

We don't have any BCNF violations or MVD dependencies. For combining relations without introducing redundancy by deleting the "Advises" table, and putting "FacultyID" into the "Student" table.

Table: Student
UIN -> Name Major

Table: Class
Dept Number → Hours Name

Table: Faculty
ID → Name Salary Category

Table: StudentOrganization

ID → Name category

Table: MemberOf
StudentOrgID UIN → Joined

Table: EnrolledIn
UIN Semester ClassDept ClassNumber → Grade

Table: Teaches
Dept Number → FacultyID

Table: Leads
FacultyID StudentOrgID → Joined

Table: Advises
UIN → FacultyID