

Mapping entities:

Strong Entities:

Instructor (Code, ID, Name, Email, IsDeleted, Phone)

Students (ID, Email, Name, Phone)

Academic Year (ID, Statues, Year Start, Year End)

Semester (ID, Name, Active state)

Course (ID, Name, Duration)

Class (ID, Name)

Exam (ID, Exam type, Date)

Mapping relationship:

Strong Entities & Relationships Tables:

Academic Year (ID, YearStart, YearEnd)

Instructor (Code, ID, Name, Email, IsDeleted, Phone)

Course (ID, Name, Duration)

Students (ID, Email, Name, Phone, [AcademicYearID](#))

Semester (ID, Name, Active state, [AcademicYearID](#))

Class (ID, Name, [SemesterID](#), [InstructorID](#), [CourseID](#))

Exam (ID, ExamType, Date, [Class ID](#))

Junction Tables:

Attendance (StudentID, ClassID, Date, Status, LateMinutes)

ExamMarkes (ExamID, StudentID, Grade)

Enrollment (StudentID, ClassID, EnrollmentDate)

CoursesAcademicYear (CourseID, AcademicYearID)