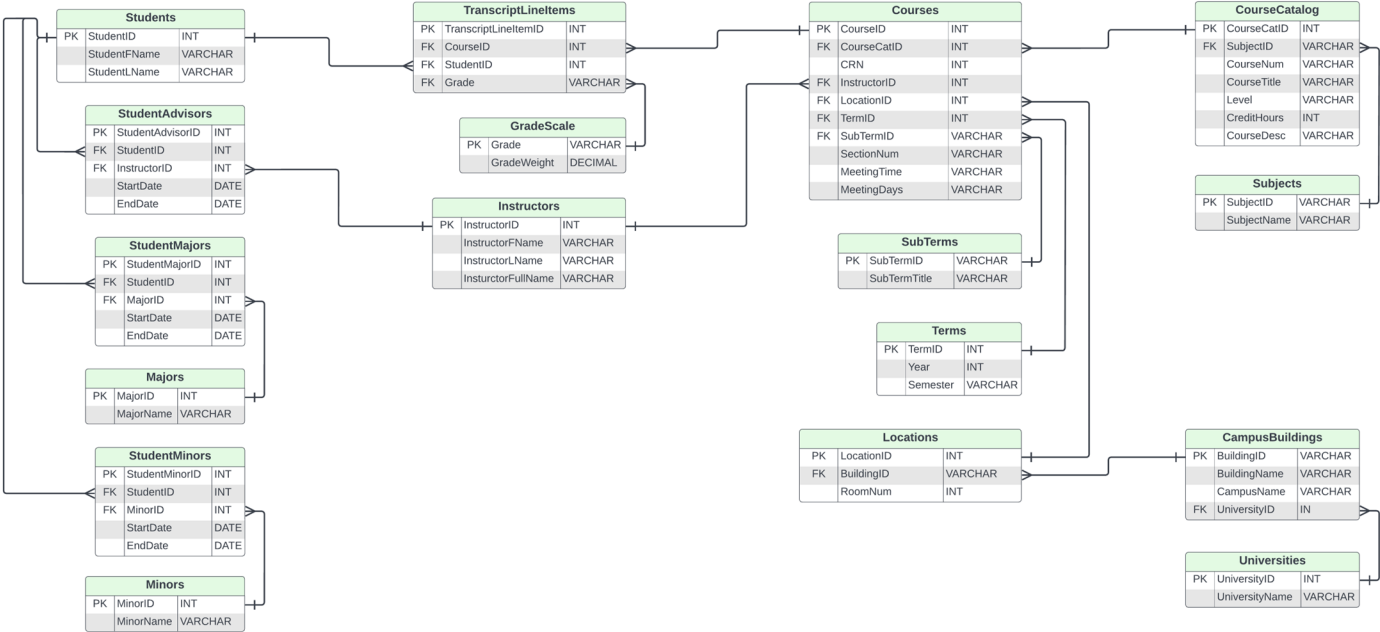


USCB Registrar System



Assumptions & Clarifications:

- Names of students will not change
- Names of instructors will not change
- Advisors for students will only be assigned from the [Instructors] table
- No instructors will die during a semester
- No student will die during a semester
- Students do not have transfer credits
- Students do not have a concentration
- Students in same major/year are enrolling in the same electives
- Students have pre req overrides
- All ISAT students have internships at the same time
- The nursing program location in Waltherboro is designated as a campus location
- There will be no classroom reassignment once a course is entered into the Courses table
- Only one instructor per course
- Spring 2022 is the first year of eligibility for ISAT graduates
- Student is a freshman if they have fewer than 30 credit hours
- Student is a sophomore if they have at least 30 credit hours but fewer than 60 credit hours
- Student is a junior if they have at least 60 credit hours but fewer than 90 credit hours
- Student is a sophomore if they have at least 90 credit hours
- When a major has an end date and the student has 120 or more credit hours, they have graduated from the University.
- If a student's transcript has all Ws or all WFs for a semester and they have not enrolled in the following semester, they are officially/completely withdrawn from the university
- Individuals can be both a student and instructors
- For this assignment, freshman students have not completed a full academic term. They have only completed the Fall 2022 semester
- For this assignment, Fall 2022 semester grades are finalized

Project Contributors:

Cassy Cooper
cassy@email.sc.edu
 334-494-1936

Marco Martinez
mtm13@email.uscb.edu
 843-505-8267

Adam Bartlett
bartlea@email.uscb.edu

Weekly Contributions:**Week 1**

Cassy created a start for the ERD. Cassy and Marco worked through with lots of debate to arrive at our final ERD. Adam, no fault of his, was not currently in our group and was not able to participate in this part of the project.

Contribution Percentages Cassy: 50% Marco: 50% Adam: 0%

Week 2

Marco began creating the SQL script. He finished the script to drop and create all the tables. He also created the Instructors, Terms, and SubTerms insert scripts. Adam completed the spreadsheet for the Subjects table, finding all the name of the subject from the abbreviations. He then created the script needed to insert these into SQL. Cassy created the Majors, Students, and StudentMajors tables insert scripts. All team members helped each other with any questions/problems that arose.

Contribution Percentages Cassy: 42% Marco: 43% Adam: 15%

Week 3

Adam created scripts for the locations table. Cassy changed the ERD by adding a CampusBuildings table and changing the locations table. She then created new scripts for the new information that better described the locations and removed all null values (because no one likes NULLs). Marco QC'd this information. Marco also created the Courses table with Cassy helping the LocationID column. Cassy finished creating the student schedules. The team will generate the scripts for the student schedules at the beginning of week 4.

Contribution Percentages Cassy: 42% Marco: 43% Adam: 15%

Week 4

Part 1: Stress levels are increased. Cassy debugged the Courses table and changed the script. Marco completed entering the CourseIDs in the spreadsheet Cassy created with all the students' schedules for all CSCI/ISAT majors. Cassy used the information Marco provided to generate scripts for the TranscriptLineItems table. Cassy is writing this narrative and completed the assumptions and ERD description. Marco QC'd and offered suggestions.

Contribution Percentages Cassy: 43% Marco: 42% Adam: 15%

Part 2: More debugging was completed by Cassy to correct human error in the TranscriptLineItems table. Cassy also updated the ERD, Project Contributions, and created/added the StudentMinors table to the database script. She was responsible for and completed Queries G-I. Marco was responsible for and completed Queries D-F. Adam was responsible for Queries A-C, completed A, and attempted B and C.

Contribution Percentages Cassy: 50% Marco: 35% Adam: 15%