**Student Courses Data Table**

This is a data table used to represent a relationship between a list of students entering into courses for a school, the exercises in said courses, and the accounts that a student may or may not own.

The relationship between students and accounts is a one-to-one relationship where a student can have an account but an account must have a student. The students can have multiple courses and the courses can have multiple students in a many-to-many relationship. And finally, the course can have multiple exercises but the exercises can only have one course in a one-to-many relationship.

While making the data table the project kept evolving the more I understood the relationships that were made after inserting the data into the table and seeing how it corresponded with the other columns in the data table and I went from there. I chose to do ORM because that’s what was falling into place easier when I was examining how to set up the back-end API.

If I were to go back to the project and make improvements, I would go into the exercises table and insert an index for the courses that the exercises are attached to helping with the search process.