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Student Database Project

The project our team worked on was a student information database which would primarily be used by the school’s faculty. The system will allow faculty to look up, update, and delete various student information. The faculty will be able display and manipulate student information (name, seniority, id#, etc.), course section, course name, and student grades. We also created views which makes it easier for faculty users to look up senior student’s names and their field of study. We thought this would be a good view to incorporate because faculty can easily sort through the seniors when they’re graduating and know what their major is. We also created a join between student info and their grades. We decided to make this join to make it easier for faculty to look for students and their grades.

The purpose of our project was to create an easy to use student information database. We wanted the user to be able to insert, delete, and display specific information pertaining to the students. We created five tables which includes student, enrollment, section, course, and grades. The user can insert, retrieve, and delete from these tables. The first step would be to choose which table we want to work with, the second step would be to choose what we want to do with the table, and third you would to either enter changes or display the table.

We worked as a team through the duration of the project and learned from one another. The work was distributed equally, and everyone participated in the project. For the last portion of the project Melisew created the Java files, Arsen created the SQL databases, and Syed created the CSV files as well as organized the files and helped with editing those files as needed. Working on this project was a great experience.