**Database Development and Class Registration**

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As the class winds up, the creation of this final project has been fun and a good challenge at the same time. I have been able to complete this project through trial and error as different pages were created and connected to their perspective databases. I enjoyed working on this project as I have been able to learn many things I did not know and also it has helped me understand that I still have many things to learn as I prepare myself for a new career. I will be going over my experience during the implementation phase and some of the challenges I encountered as I developed each stage of the project.

Week three was the beginning of this project with a registration page and a login page that directs you to the landing page. For week four we were tasked with creating the different tables that were going to be used for this project, including semester, enrollment, classes, and students. We were also tasked with creating the different pages that will be used for this project. The first thing I did was to work on the different pages including the enrollment page, and the class drop page, I also used Bootstrap to help me with the appearance of each page and the different functions. On each page, I included my config. Page using the include function which creates the linkage to the database. Each page was also linked to the perspective table by using the insert mysqli, feature to the name of the table where that data was intended to be inserted. I also created different classes on each page depending on what message needed to be shown. I also made some modifications using other examples to make it look more pleasing and professional.

Some of the challenges I faced was getting the colors I wanted and modifying the way the page looked on the css style sheet as I wanted to ensure the page looked presentable and professional. I also encountered errors multiple times when linking the database tables due to either missing characters or missing parts of the code. Below are some screenshots of the project put together as well as the different database tables and the codes for some of the different pages being presented.

Student registration log.A screenshot of a computer

Description automatically generated

Class log with the option to remove.

A screenshot of a computer

Description automatically generated

Student class enrollment.

A screenshot of a computer

Description automatically generated

Student registration page with student ID.

A computer screen shot of a student registration

Description automatically generated

Semester Page.

A screenshot of a computer

Description automatically generated

Student table.

A screenshot of a computer

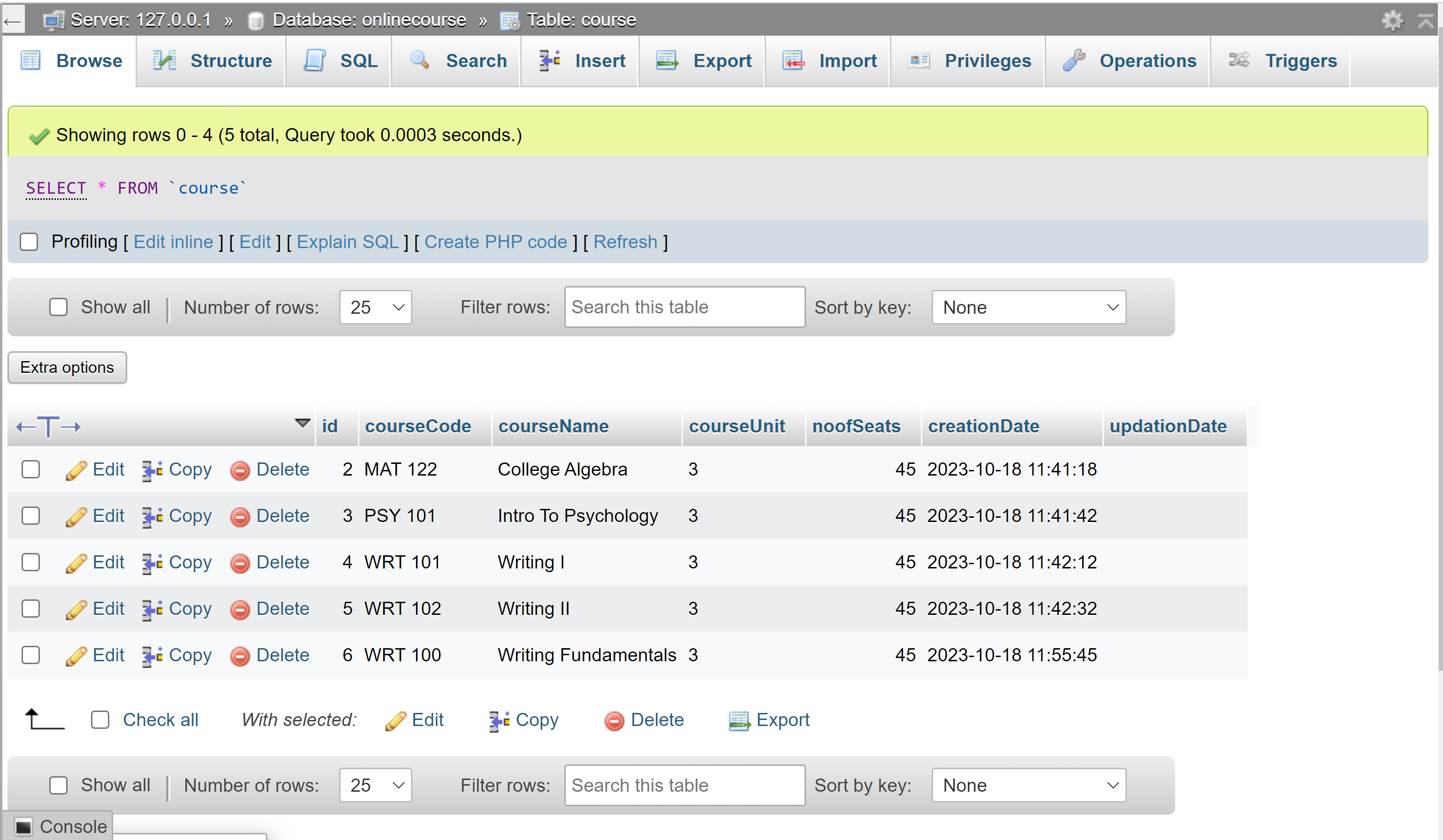
Description automatically generated

Semester Table.

A screenshot of a computer

Description automatically generated

Class table.



Enrolment Class table.

A screenshot of a computer

Description automatically generated

Enrollment, semester, and class codes.

A screen shot of a computer code

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screen shot of a computer

Description automatically generated

References:

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