**Matthew Thompson**

**Database Development and Class Registration**

**CST499: Capstone for Computer Software Technology**

**Prof. Charmelia Butler**

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**Summarize your experience going through the implementation phase.**

This part of the project really put me to the test, I am not pleased to announce that I have failed to succeed in any part of the project. For starters my database would not let me create a relation to my student information database. Without being able to do this then the system would not be able to distinguish what classes being selected would be tied to that specific student. Whenever trying to establish a relationship I would get error after error.

The PHP coding portion gave me some trouble as well, I spent a great amount of time trying to figure out a way to have the code allow me to add text to the database. I know how to add input that the user types into the database, but to have free standing text be placed into the database was causing me to draw a blank. The process of being able to add or delete the information for enrolling and unenrolling was understood by me and I know how to write this code, I am just dumbfounded about being able to add stand-alone text that was not input by the user. So, I came up with the system of having the list of classes available on the screen, and then developing an input field with a submit button. When the user finds a class they want, they type the class into the input bar and click submit, adding the class to the database.

**References:**

adding a delete button in php. (n.d.). Stack Overflow. <https://stackoverflow.com/questions/12668141/adding-a-delete-button-in-php>

Complete user registration system using PHP and MySQL database. (n.d.). CodeWithAwa. <https://codewithawa.com/posts/complete-user-registration-system-using-php-and-mysql-database>