**Database Development and Class Registration**

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This part of the final focused on development of the database and class registration. This encapsulated the phase of creating the registry and being able to register for class. This was a very difficult task for me as I had tremendous trouble trying to correspond the tables created in phpMyAdmin and the php code. This process has been a test on my patience as I’ve gone through trial and error trying to get the right results. But, in my struggles a seed of piqued interest has been sprouted in writing and implementing code. This may be something I can really enjoy doing, and get real fulfillment in. Below are screen shots of the finished product of this project.

Screenshots of all tables in phpMyAdmin.A screenshot of a computer

Description automatically generated

Tables of the classes in the registry and registered users with password encryption. A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

After login credentials are entered.

A screenshot of a computer

Description automatically generated

A list of classes to register to. Creating this “register” button was difficult to complete and had some trouble with.

A screenshot of a computer

Description automatically generated

These are screenshots of the forms class-signup, class-index, and auth.php code.

A screen shot of a computer

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated

I hope the work I’ve done to complete this project will suffice and shine through in grading. The implementation phase has been quite difficult and time consuming. Getting used to the how tedious writing code and implementation is, gives me a newfound respect for people who do this professionally. Having completed this assignment has been quite fulfilling, despite how many headaches it has given me.

**References**

Tsui, F., Karam, O., & Bernal, B. (2018). [Essentials of software engineering](https://uagc.instructure.com/courses/144760/modules/items/7385229)(4th ed.). Jones & Bartlett Learning.

* Chapter 9: Implementation
* Chapter 10: Testing and Quality Assurance