**Database Development and Class Registration**

Tamara Whitfield

The University of Arizona Global Campus

CST499: Capstone for Computer Software Technology

Prof. Joshua Rangitsch

August 19, 2024

**Database Development and Class Registration**

**Generated screenshots of my database and tables.**

**Users Table**

**A screenshot of a computer

Description automatically generated**

**Courses Table**

**A screenshot of a computer

Description automatically generated**

**Generated screenshots of my course page.**

**The first screenshot shows only one course that has been added. The second screenshot shows more classes that have been added and the first class has been deleted from the schedule.**

**A screenshot of a computer

Description automatically generated**

A screenshot of a computer

Description automatically generated

**Generated screenshot of the log out page. The user can log out once they are done with the session.**

A screenshot of a computer

Description automatically generated

**Generated screenshots of my php code.**

**Logout.php**

**A screenshot of a computer program

Description automatically generated**

**Db.php**

**A screenshot of a computer code

Description automatically generated**

**Courses.php**

**A screenshot of a computer code

Description automatically generated**

**A screenshot of a computer code

Description automatically generated**

**Register.php**

**A screenshot of a computer program

Description automatically generated**

**Login.php**

**A screenshot of a computer program

Description automatically generated**

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

For this assignment, I decided to create another database and start again for all my code to flow together with no errors. I created my sql script, naming it “student\_registration” to create my database in phpMyAdmin. I redid db.php, entering my new database to connect to the other code sources. Next, I did my login and register php code scripts that will handle the user authentication. A student will register for an account and login to their account before looking at their courses. In the courses page, the student will view and edit the courses they already registered for. They can add their classes by typing in the course and hitting “add course”. They can delete a course by hitting the “Delete” button. When they are finished with their session, they can hit the “Logout” button at the bottom. They will be redirected to the logout screen and can login again if they need to and be directed back to the login page.

The courses.php file is the main component to display and manage courses. It starts with db.php code to connect the database. It ensures the student has been logged in successfully to access their courses. The course details are retrieved and formatted into HTML structure. Lastly, the style.css code is attached to make the webpage look appealing.