## Coursework Assignment 2

Individual Assessment

The application proposed was a website for a gym franchise called GloboGym, similar to Pure Gym or Exercise 4 Less. The application was successfully created, and included the following functionalities: the ability to register for the website, newsletter signup, methods to find a gym that is local to you, a description and timetable of classes, embedded YouTube videos relating to the classes, a contact form, sticky header and finally a footer.

The application would be viable for any gym to use, as it has all the functionalities that most modern-day web applications currently have. The practicality of the website is fully functional, as the details from the registration and newsletter form successfully store inside a MySQL database. As a result, GloboGym admin staff could access the details from the database and create an email mailing list.

If more time were available, the login system could have been successfully implemented. An error message appears when trying to login to the site and one **assumption** could be that the Sheffield Hallam University network blocks access to this feature. More time would have allowed for the root cause of the problem to be identified.

The SCRUM framework was the framework used throughout the development of this application. Unfortunately, the framework was only partially implemented as tasks were assigned to different members of the group with dates for completion, however, due to the inability of group members to implement their assigned tasks other group member had to help. Furthermore, most of the tasks were not implemented by the assigned sprint date. Personally, I would use the SCRUM framework again, as with a capable development team the framework would have a positive impact on any application.

Many modern-day technologies were implemented within this web application. One major technology used was the foundation framework, this allowed for the site to be made responsive with the added help of documented media queries. The foundation framework was extremely helpful towards meeting the assignment deadline, as the framework has global styles and classes that helped save time throughout the development of this application. For example, the sticky header was implemented using the pre-defined class “data-sticky-container” and the site was made responsive with the new foundation XY grid.

My individual contribution to the project was sizable, due to my previous experience in developing web applications. One aspect of the website I implemented was the PHP code found throughout the website and inside the “/assets/includes/” folder. Previously to this project my knowledge of PHP was limited, as I had only been involved in front end development (HTML & CSS), but this project allowed me to gain a better understanding of PHP and how to make the application connect to MySQL and display URL messages depending on the submission request. Due to learning PHP for the backend database connection, I was able to see the use for it during front-end development. For example, creating a global header and footer which was further enhanced by using a variable to display the class ‘current’ on the navigation link that is currently active.