



**SOFE 3650U Software Design and Architecture**  
**Project Proposal**  
***Modifying Gym Website***

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## **Introduction**

For this project, we are planning to modify our pre-existing gym website. Currently, this website supports forming new gym membership, and booking time slots for workouts.

## **Functional Requirements**

1. An option for people to sign up for fitness classes will be added. The website will further provide information on the classes.
2. Another addition will be selling merchandise online with the ability to apply discounts and promotion codes.
3. A contact form will be added, where questions and concerns will be sent to staff via email.
4. A unique store page including discounts and promotions will be added.
5. A membership page enabling exclusive access to the online store will be added.
6. Additional subpages pertaining to information catered to different demographics such as children, adults, and seniors will be made.

## **Non-Functional Requirements**

1. The usability of the website will be improved. We will ensure users are encouraged to use the website by adding relevant visuals.
2. The availability and accessibility of the website will be upgraded. We will make sure the website is available 24/7 so that users will have access to make bookings throughout the day.
3. We will ensure that the website can hold a certain capacity of users to combat potential issues of high website traffic.
4. The security of the website will be enhanced, ensuring that users will not have their passwords leaked.