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**CSE6224 SOFTWARE REQUIREMENTS ENGINEERING**

**TRIMESTER 2510**

**Project Part 1**

**Project Vision**

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# 1. Project Overview

This project involves developing a wellness platform that integrates with the university health center's appointment system and campus recreation facility management software. The system will enable students to manage their holistic wellness by scheduling health center appointments, booking fitness classes, tracking personal wellness goals, and receiving tailored health resources.  
  
Project name: Campus Wellness Portal with Medical System and Fitness Center Integration.

# 2. Project Vision

We aim to achieve a system to streamline and convenience a student’s health and wellness. By integrating the university’s health and recreational system, we can allow students to take control of their health through a unified, and user-friendly wellness platform. The platform will serve as a centre digital hub to promote physical, mental, and emotional health. As they said, “health is the best wealth!”.

# 3. Project Scope

This project focus is to create and deliver a centralized wellness platform for university students. Such scope includes:

* Integration with the university healthcare system
  + Schedule appointments for medical services.
  + View and keep tabs of personal medical history.
  + Receive notifications for upcoming reservations.
* Integration with the campus recreation facility management software
  + Book and retain time slots for recreational purposes.
  + View timetable for weekly exercises.
  + Avoid conflict between class schedule and workout time.
* Personal Wellness Management
  + Set personal wellness goals and performances.
  + Progress tracking of previous and future activities.
  + Track your schedule outside of exercising. (e.g., sleeping, stress management, mealtime)
* Tailored Health Resources
  + Receive personalised health advice and recommendations.
  + Access various educational materials for a healthy lifestyle.
  + Enjoy personalised content to watch or listen to, (e.g., meal preps, workout music, types of exercise)

# 4. Project Goals

The project seeks to expedite and amplify the university’s effort in improving student’s holistic wellness. By utilizing the robustness and functionalities of the university health center’s appointment system and campus recreational facility management software, the project endeavours to enhance the student participation in health benefiting activities.

The project aims to:

1. Centralize access to campus wellness services in a single platform.
2. Encourage students to take the initiative to achieve a better lifestyle.
3. Facilitate the process of booking and making an appointment.
4. Reduce the conflicts between study schedules and free time activities.
5. Cultivate a healthy habit that includes fitness, diet, and stress-free living.

# 5.0 Assumptions Analysis

Assumption analysis is used to identify limitations and potential areas of risk in projects or processes. It involves close examination of all key assumptions made by the project and its stakeholders.

Following are the results for the assumptions.

## 5.1 Assumptions

These are conditions believed to be true for the project to proceed smoothly:

|  |  |
| --- | --- |
| **Assumption** | **Description** |
| Student Participation | Students will regularly login and actively use the platform to manage their wellness activities. |
| System Integration Cooperation | The university’s health center and campus recreational facility will provide needed data access. |
| Internet Access | Users have reliable internet access to use the platform. |
| Health and Fitness Staff Collaboration | Medical and fitness staff are willing to update content and interact with students via the platform. |
| University IT Support | University IT services will support backend configuration. |

# 6.0 Conclusion

To conclude, the development of the Campus Wellness Portal set forth an important step in improving the wellbeing of university students by integrating the university’s medical system and fitness center. This platform can be used as a guide for students to take care of their physical, mental and emotional health more effectively. Moreover, the project helps to streamline the process of managing health and fitness into a single, user-friendly platform, hence easing the workload for students to engage in a healthier lifestyle.