CPSC 304 Project Cover Page

Milestone #: ___3_____

Date: ___2023.10.30_____

Group Number: _____92_____

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Jialu Jin	24403594	a2f3b	xyxxjinjialu@163.com
Camilla Ren	93534105	d5k5m	camillarr1002@gmail.com
Hao Jiang	58301110	o3f3l	a1181445408@126.com

By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

1. A brief summary of your project.

Our project is based on a comprehensive fitness and health management application. The application is a combined platform for fitness enthusiasts and trainers that facilitates monitoring, organizing and collaborating on different aspects of an individual's health progress. Its basic features include saving member details, logging workout routines and recording body data. This enables trainers to provide customized advice and plans, as well as help optimize gym resources by efficiently managing room deployment and equipment usage.

2. Timeline and task breakdown/assignment

DDL of Milstone 4: Dec 01
Timeline:

Task	Deadline	Assigned To
Implement database SQL script with Tables - create tables Data - place data inside tables	Nov 10	Camilla
Discuss the functionalities Button functions: - Insert - Delete - Update Queries: - Selection - Projection - Join - Aggregation with group by - Aggregation with having - nested aggregation with group by - division	Nov 11	Group

<u>Web pages Design </u>- Front-End (CSS+HTML)	Nov 15	
		Jialu
Create button		Jialu
Create text-boxes		Jialu
Create images		Jialu
Create login page		Hao
Create dashboard		Hao
Create user profile page		Hao
Create body analysis record page		Camilla
Create workout log page		Camilla
Create diet plan page		Camilla
Create courses page		Jialu
Create trainers profile page		Jialu
Create room+equipment management page		Hao
Style pages with CSS		Hao
<u>Implement GUI-PHP</u> - Back-End (SQL)	Nov 27	
Database Connection		Camilla
Capture data from users' input		Camilla
Implement Functionalities:		
● Implement Button function		Jialu
● Login: enter userID to access user profile page and display their dashboard		Hao
● Profile: display user info		Jialu
● Body Analysis Record:		Camilla
○ query list of all past body analysis records		
○ add new record functionality		
○ remove a record functionality		
○ click to see detailed record about one record		
○ aggregation with group by/ having: sort/filter		
● Workout Log:		Camilla
○ query list of all completed workouts		
○ add new completed workout		

functionality
○ remove a completed workout functionality
○ aggregation with group by/ having: sort/filter
● Diet Plan:
  ○ query list of all diet plans
  ○ click to see detailed info functionality
● Course:
  ○ query list of courses(private + group)
  ○ click to see detailed info (price, trainer, time)
  ○ aggregation with group by/ having: sort/filter by time, price
● Trainers:
  ○ query list of trainer
  ○ click to see detailed info
● Room:
  ○ query list of room and its equipment
  ○ click to see detailed info about room and available equipment
		Camilla
		
		Jialu
		
		Jialu
		
		Hao

Integrate Front-End and Back-End	Nov 28	Hao
Test functionalities	Nov 28	Group
PDF description with screenshots	Nov 30	Group
README.txt (may need)	Nov 30	Group
Demo Create commands to drop, recreate and reload tables before demo Prepare demo for - Insert	Dec 3	 Camilla Hao

- Delete		Hao
- Update		Hao
- Selection		Hao
- Projection		Jialu
- Join		Jialu
- Aggregation with group by		Jialu
- Aggregation with having		Camilla
- Nested aggregation with group by		Camilla
- Division		Camilla

3. Description of challenges/things left to do

Facing a project with an unfamiliar technology stack, our team recognizes two major challenges:
(1) none of us have experience with PHP; (2) integrating different parts of the project requires
effective communication. To overcome these difficulties, we will utilize online resources and
documentaion to learn programming on our own, and emphasize strong team communication.
We will establish regular check-ins to monitor our progress and integration compatibility. In
addition, utilizing tools such as Git will help smooth component merging. We recognize that we
may encounter unforeseen challenges, so we will maintain an active communication with our TA
and utilize his expertise to guide us through the unknown and ensure that we successfully
complete our project.

4. URL of repository

https://github.students.cs.ubc.ca/CPSC304-2023W-T1/project_a2f3b_d5k5m_o3f3l.git