Team Contributions: Rev 0
SFWRENG 4G06

Team #7, Team FAAM, SweatSmart

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Sam McDonald

1 Demo Plans

- Build your own workout.

- Generate a workout through the app's workout generation algorithm.

- Track a live workout.

- View workout history of a user.

- Add profile preferences.

- Fitness Chatbot.

2 Meeting Attendance

Student	Meetings
Total	11
Daniel	8
Jonathan	9
Sophie	11
Sam	11

Table 1: Meeting Attendance since November 17, 2023

3   Lecture Attendance

Student	Lectures
Total	2
Daniel	0
Jonathan	0
Sophie	2
Sam	0

Table 2: Lecture Attendance since November 17, 2023

For better time allocation, we decided to have one person attend lectures and relay back to the team any important information discussed.

4   Commits

Student	Commits	Percent
Total	27	100%
Daniel	11	41%
Jonathan	4	15%
Sophie	6	22%
Sam	6	22%

Table 3: Commits in Main branch since November 17, 2023

Note, Daniel and Jonathan have been working on large features yet to be merged in. These commits are very large in quanitity of code changed which can be seen in github. These commits contain thousands of lines of code. Probably 6k+.

Branch	Student	Commits	Percent
daniel/profile_page	Total	49	100%
	Daniel	23	47%
	Jonathan	26	53%
	Sophie	0	0%
	Sam	0	0%
daniel/social_page	Total	29	100%
	Daniel	15	52%
	Jonathan	14	48%
	Sophie	0	0%
	Sam	0	0%
jonathan/home_page	Total	49	100%
	Daniel	23	47%
	Jonathan	26	53%
	Sophie	0	0%
	Sam	0	0%
sam/WorkoutServicePlan	Total	16	100%
	Daniel	5	31%
	Jonathan	0	10%
	Sophie	1	6%
	Sam	10	63%
sophie/WorkoutServicePlan	Total	3	100%
	Daniel	0	0%
	Jonathan	0	0%
	Sophie	3	100%
	Sam	0	0%

Table 4: Commits in unmerged branches since November 17, 2023

Note: There was a lot of time being put into looking at the data collection/gathering for our intended machine learning models that we did not end up implementing, as we decided that a more prescribed algorithm was best with the knowledge gained from our supervisors. This work was mostly done by Sam and Sophie, however no commits were made from this.

5   Issue Tracker

Student	Authored (O+C)	Assigned (C only)
Daniel	12	18
Jonathan	1	11
Sophie	36	12
Sam	52	16

6 CICD

Continuous Integration and Continuous Deployments is handled through GitHub Actions. Multiple workflows in the project are responsible for ensuring code formatting standards, tests passing, and deployments.

Our project has two sub-projects being the frontend and backend project. Upon pushes, if anything changes in the frontend main app or test app, the frontend workflow will ensure formatting is met and all tests are passed. Meanwhile any change in the backend will also trigger a workflow to check formatting and ensure tests are passed.

Once a branch is merged into main, if anything in the backend project has changed, GitHuc actions will trigger a deployment script to redploy our backend to an Azure web application.