

## # FitQuest

### ## Iteration 4 - Review & Retrospect

\* When: 8/4/2024

\* Where: Online

### ## Process - Reflection

Overall, Sprint 4 was a quiet yet productive sprint. As most of our features were already finished, we left this sprint to be a sprint filled with small UI modifications and also setting up continuous integration for our project. For this project as a whole, we felt that we were able to complete what we planned during Sprint 0.

#### #### Decisions that turned out well

List process-related (i.e. team organization) decisions that, in retrospect, turned out to be successful.

- Focusing on Main Functionality During Earlier Sprints

As mentioned above, the light workload for this sprint is due to our group completing features throughout the first three sprints. Although this made our first three sprints much heavier, looking back, this was a great decision as we are now able to focus on final touch ups and CI as we draw closer to the final day of this term. Furthermore, we were able to present a working demo with all features to our class, which was made possible due to allocating time to work on our main features during previous sprints.

- Working With New Technologies

As this project draws to a close, we're happy to say that each of us have added new technologies to our "toolbox". At the start of the project, we looked to use previously unfamiliar technologies such as React and Django in order to use this project as an opportunity to learn new languages. Now that we're at the end of this project, each of us had experience working on both the front and back end of the website, which helped all of us get a deeper understanding on React, Django, and how they interact with each other.

#### #### Decisions that did not turn out as well as we hoped

##### Database Issues With Storing Multi-Media

- The only main problem that occurred this sprint was the storage of photos and videos. Aside from photos and videos, we felt that our PostgreSQL database was adequate for storing all data pertaining to our site. However, we soon realised that this was not the case for storing photos and videos. As we used Amazon RDS in conjunction with Postgre, we soon realised that storing videos and photos would be very costly to implement (we were already charged a small fee from the start which already should have been a warning about this).

#### #### Planned changes

List any process-related changes you are planning to make (if there are any)

This is the final sprint so we didn't really brainstorm any process-related changes.

#### ## Product - Review

#### #### Goals and/or tasks that were met/completed:

- UI Touch Ups
  - Fix Off-Centre Titles <https://fitcode.atlassian.net/browse/FIT-78>
  - Completed Quests Page <https://fitcode.atlassian.net/browse/FIT-84>
- Docker/CI
  - Add .yml file <https://fitcode.atlassian.net/browse/FIT-80>
  - Push Image to Registry <https://fitcode.atlassian.net/browse/FIT-81>
  - Connect Registry to Containerized Engine  
<https://fitcode.atlassian.net/browse/FIT-82>
- Connect Friend User Points - <https://fitcode.atlassian.net/browse/FIT-83>
- We were able to present our app in front of the class

#### #### Goals and/or tasks that were planned but not met/completed:

All goals were completed by the end of the sprint

#### ## Meeting Highlights

#### Final Thoughts

Overall, we're pretty happy with what we produced within these last 5 sprints. Besides the photos/videos, we were able to complete most of the features we planned in sprints 0/1 and we were able to present in front of the class!