**Sprint 3 Report**

**SlugFit**

**3/3/23**

**Actions to Stop Doing**

1. Waiting to merge code right before deadline

Similar to the last sprint, we merged some final features close to the deadline which added some complication. Since our last Sprint is coming up, our team needs to be diligent about reviewing PRs and merging code.

1. Communicate about util functions, stop code duplication

In our standups we were specific about what features we were implementing, but not how we were doing it. This lead to helper functions and components being created in two different PRs, something that could have been avoided.

**Actions to Start Doing**

1. Push and resolve PRs a few days in advance

As mentioned earlier, our team was a bit slow on approving and merging PRs. Next Sprint we need to stay on top of reviewing and merging PRs as soon as they are done.

1. Higher communication

One problem with this sprint was that there was code duplication when features used the same helper functions, or components. This could have been avoided if we communicated more specifically during standups about what we were adding.

1. Automated testing

Hand testing has not been the most effective as some buggy code has been merged into the codebase. A focus on unit tests and setup of automated testing should help with this issue.

**Actions to Keep Doing**

1. Reach out if you have questions/problems

Asking questions and solving problems collaboratively has definitely increased our productivity. This is something our team should keep doing.

3. Hand testing

In order to prevent buggy merges and unexpected errors we need to keep thoroughly testing code and ensuring no errors or warnings occur before a PR is finished.

**Work Completed:** 6 User Stories, 36 Story Points

* As a user, I want to see my progress in different exercises over time
* As a user, I want to compare my progress by intensity, volume and highest weight used
* Chore: Error Boundaries and Error Message Modal
* As a gym rat, I want to see a workout summary after I complete a workout that tells me how I did compared to previous workouts
* As a gym rat, I want to see historical data on an exercise I’ve previously performed ON that exercise card so I can compare my effort and progress and choose proper weights
* As a gym rat, I want to be able to filter the workouts I search for so I can find exercise statistics on specific muscle groups

**Not Completed:** 1 User Stories, 3 Story Points

* As a gym rat, I want to be able to update profile information so that other users can know a bit about me

**Work Completion Rate This Sprint**

| Total # of user stories completed: | 6 User Stories |
| --- | --- |
| Total # of estimated ideal work hours completed: | 39 Work Hours |
| Total # of days: | 14 Days |
| Ideal user stories per day: | 0.4 Stories |
| Ideal work hours per day: | 2.6 Hours |

**Cumulative Completion Rate**

| Total # of user stories completed: | 56 User Stories |
| --- | --- |
| Total # of estimated ideal work hours completed: | 179 Work Hours |
| Total # of days: | 42 Days |
| Ideal user stories per day: | 1.3 Stories |
| Ideal work hours per day: | 4 Hours |



