

RepNation - The workout tracker program

Preston Thomas

Andrew Hills

Chai Callow

The team

Preston Thomas - “Supreme Scrum Master”

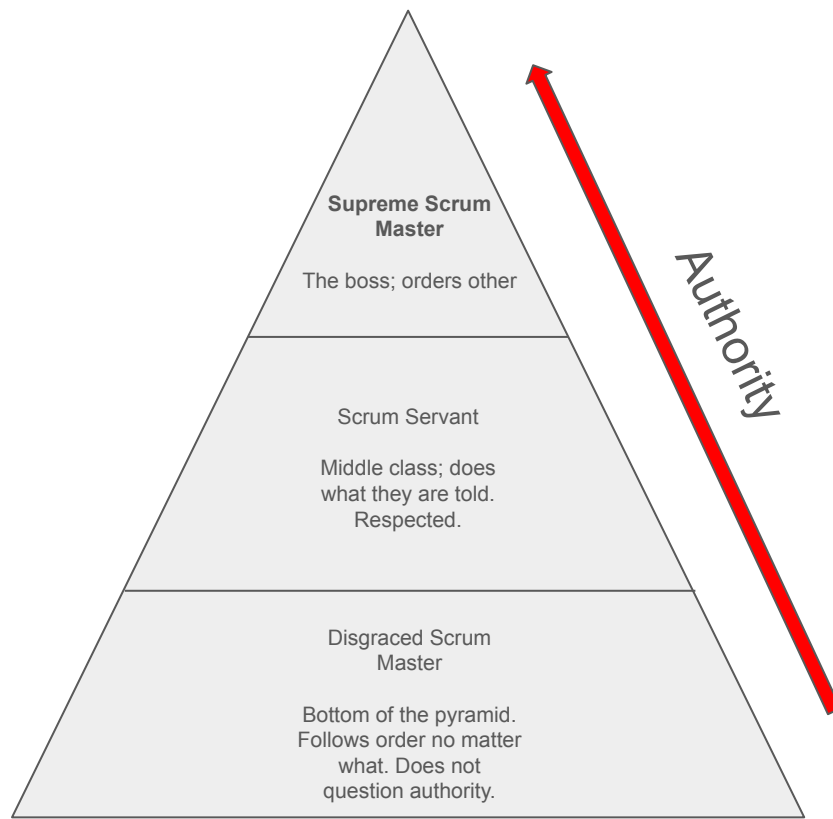
- Project manager, Jira admin, developer, smarty guy, amateur weight lifter.

Andrew Hills - “Scrum Servant”

- Backend, frontend, meeting recorder, GUI developer, technically ‘Team leader’.

Chai Callow - “Disgraced Scrum Master”

- Backend, frontend, documentor, Yes Man, GUI functionality developer.



Description of Project

- A program to help track workouts
- Track your time spent doing a workout
- Add individual exercises to your overall workout
- Learn how to do movements correctly and safely
- Provide information about what equipment movements require



Changes since midterm

- The calendar was scrapped because we had no time
- Adding additional information, such as videos or articles, to exercises was scrapped
- The ability to add your own exercises was scrapped

Were we able to meet our goals?

- **What we did meet:**

- Made an exercise screen with a search
- Ability to create and edit workouts
- Ability to save workouts, even if program is ended
- Added a stopwatch, lap interval, and a real interval timer

- **What we did not meet:**

- Calendar feature, but this was shrunk down to a 'day scheduler'
- Additional 'view' information for exercises.
- Scrapped ability to add own exercises if not already included

Challenges in the software engineering process

- **Being organized**
 - We needed to be more consistent with our use of the Kanban board
 - We also needed to make good on our weekly deliverables more often
- **Completing deliverables more punctually**
 - While we were able to complete almost all of our project goals, we put a lot of them off until the very end
 - We had classes we were more worried about and put more time into.
- **Tech stack**
 - We chose Python for its flexibility, group familiarity, and ease of use, but JavaScript could have allowed for a smoother frontend, while an SQL database could have allowed for better backend operations

Demo