**Project Sprint Retro Notes**

**Team**: THURS-10.30-3

**Sprint**: 4

**Date**: 8 October 2020

**Attended**: Mitchell Gust, David Brown, SangYeon Lee

**Scrum Master:** Mitchell Gust

**Product Owner**: David Brown

**Development team**: SangYeon Lee

## 1. Things That Went Well

Majority of unit testing complete, and built to a solid standard.

The current implementation meets the goals of the sprint.

The frequency and quality of communication has brought a sense of security for the group.

All team members hold responsibility for the work and give it their all to help forward a group of three.

## 2. Things That Could Have Gone Better

Approach to unit testing could be improved as it is currently hard to debug. Failed test doesn’t highlight failed microservice.

Need to be more conservative with CircleCI credits. Testing should exit after the program is run to save credits.

## 3. Things That Surprised Us

Once a familiarity was built with Unit Tests last milestone, there isn’t much new to learn.

Docker load times.

Docker can be unpredictable and unreliable -> There are times where Docker can not even be found

Ability to overcome having 3 members, and changing the program’s structure drastically.

## 4. Lessons Learned

How quickly CircleCi credits can be expended.

Always possible to overcome drastic change to project plans.

Need to add due dates to all mentioned actioned items in meeting minutes.

Only one person should be added to Trello tasks.

Retrospective need to be more concise

Requests for code reviews need to occur on pull requests, and group members should then be adding comments and acting appropriately.

## 5. Final Thoughts

*Things to Keep*

* Current Roles
* Architecture
* Meeting Frequency and Days

*Things to Change*

* More conservative with CircleCI Credits
* Add Due Date to Actionable issues raised in meeting minutes
* More concise Retrospectives
* Only one Person on Trello Tasks
* Code Reviews and Pull Requests are required
* Branching strategies