

# Sprint 7 Retrospective

**Team 103**

# Retrospective

RETROSPECTIVE

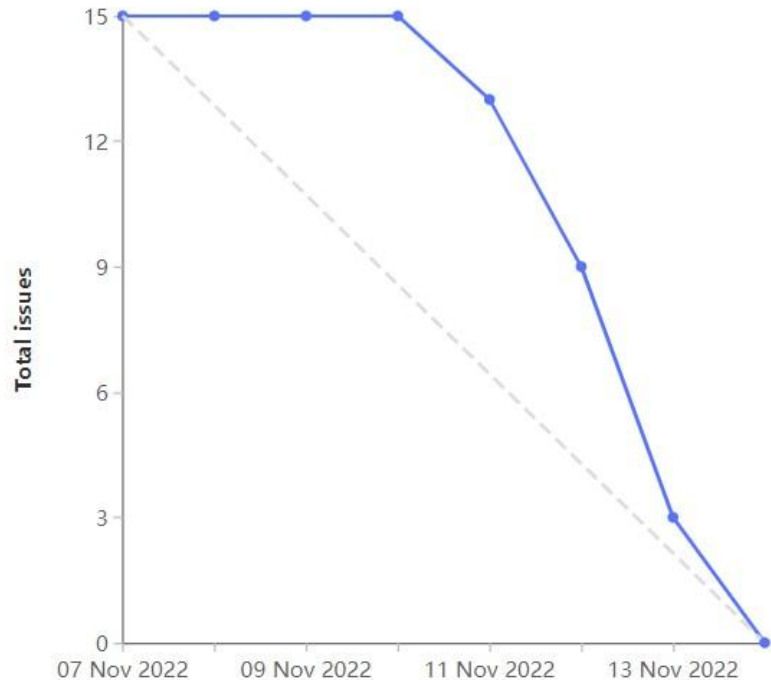
**Retrospective**

 **Retrospective**

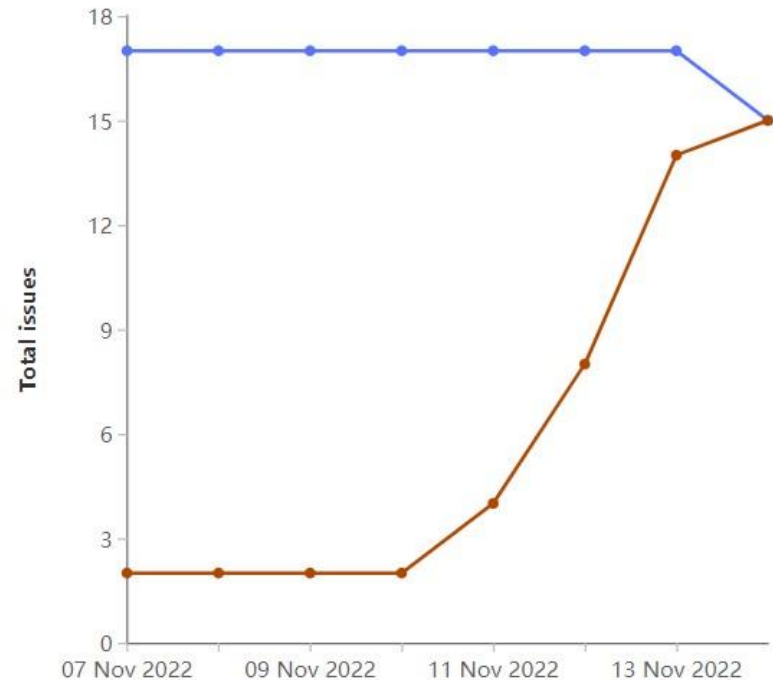


# Burndown/Burnup Charts - Issues

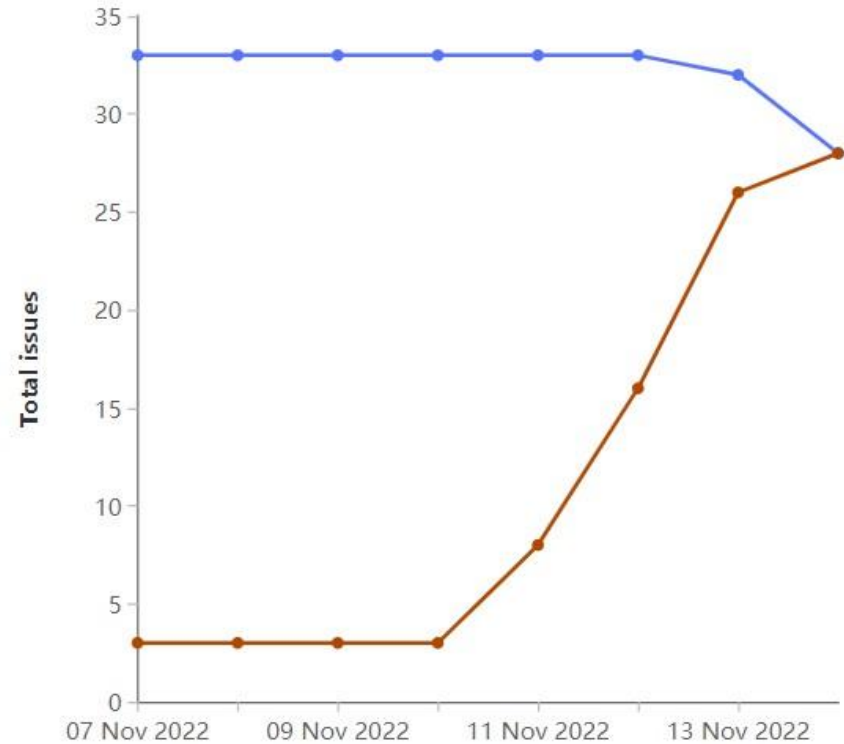
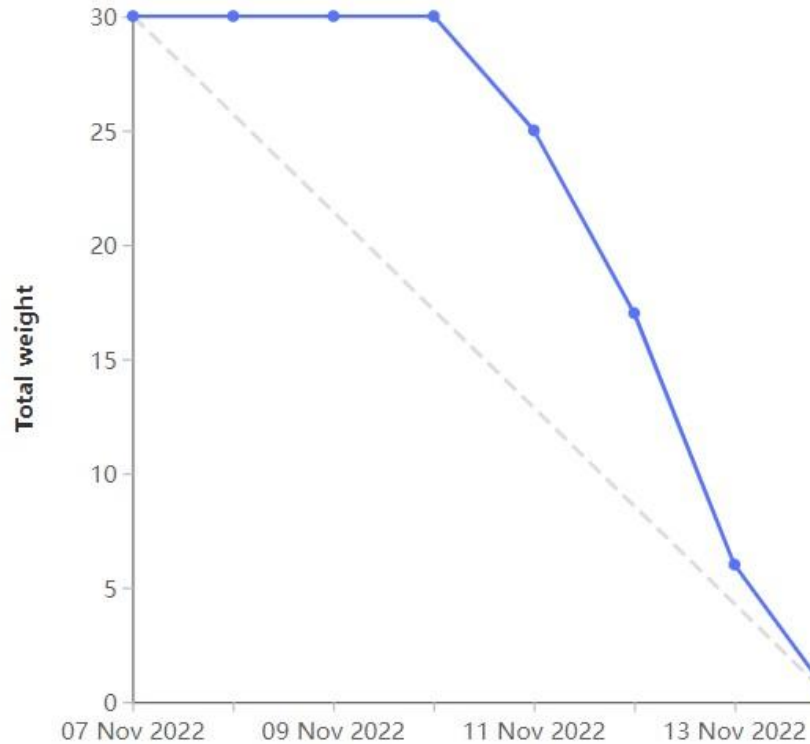
Burndown chart



Burnup chart



# Burndown/Burnup Charts- Weights



# Successes

- **Teamwork**

Everyone worked really well together and was quick with help when needed

- **Individual Work**

Everyone was proactive and took initiative, taking on responsibilities and tasks

# Shortcomings

- **Underestimating the difficulty of tasks**

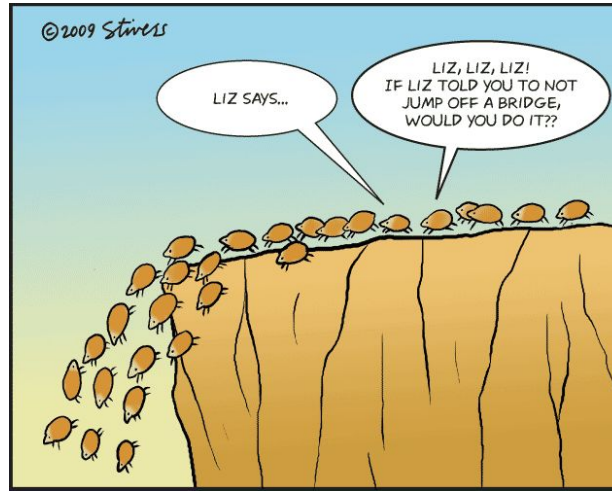
Our team underestimated the difficulty of implementing things such as CI/CD, resulting in us spending a lot more time than expected

# Individual Contributions

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## Devin

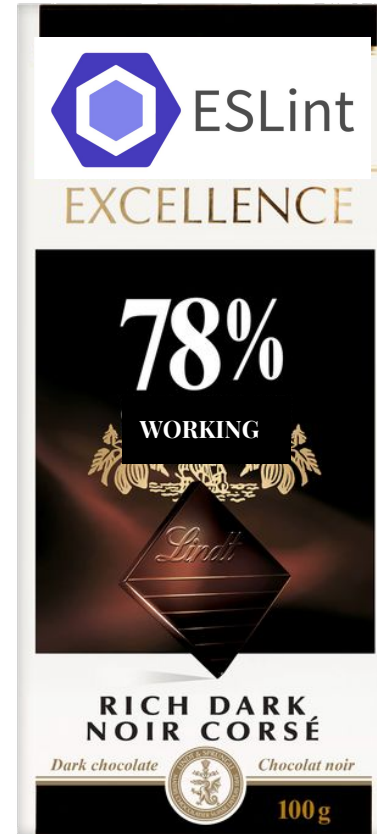
- Worked on implementing Python Linting with pylint
- Helped with CI/CD implementation
- Made the presentation slides and planned team meetings





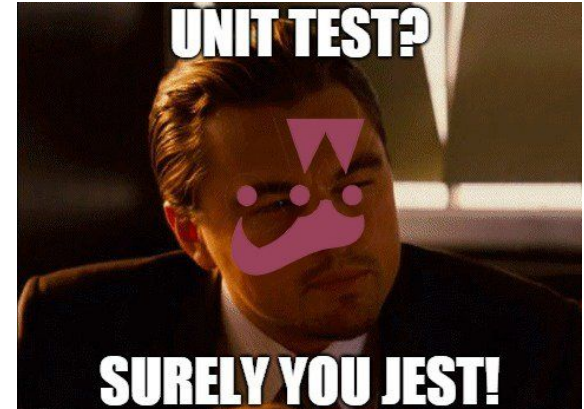
## Dylan

- ES6 Javascript code linting with ESLint
  - Checkstyle
  - React best practices
  - Avoiding poor syntax
- Dockerizing project



# Austin

- Research automated testing for frontend (Jest, ViTest)
- Implement automated tests (Jest)
  - Snapshot tests
    - Inline Snapshot tests
  - Rendering/visibility tests
- Pass knowledge to other team members
  - To integrate testing into CI/CD
  - To allow others to know how to add/run/update tests



# Jaylong

- Pylint
  - Research on what it is and how it works
  - Implement Pylint in our Python files with the members
- CI/CD Meetings
  - Finding ways to implement automatically deployment methods
  - Not a lot of resources with set up similar to ours
- Recovering
  - Lost 4kg of bodyweight over a week of sickness

Me In CIS2750



I've ensured that there are no memory leaks, no seg faults, passing by references, all API calls are valid, webpage works responsively and database stores correct objects

Me Now



Pylint Error Scary

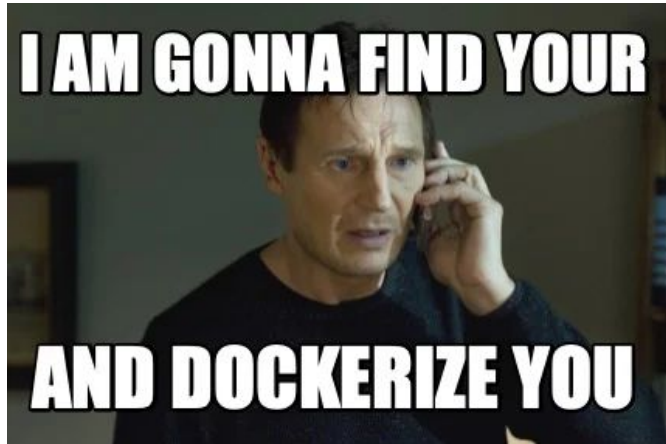
## Dean

- Python Linting with pylint
  - Overruling linting standards, where logical
  - Syntax fixes
  - Adjustments for readability
- Attended meetings to learn from others



## Megh

- Attended all group discussion and knowledge transfer meetings.
- Research some python linting
- Researched how to set up automated deployment and tried dockerizing the project



David



## Types of Headaches

Total Points: 10

Migraine



Hypertension



Stress



Docker



- Worked on researching and implementing CI/CD
  - Created a yml file that will build and run the automated test cases that were developed
  - Learned how file caching and artifacts work and implemented them to improve efficiency of jobs
- Worked to setup automatic deployment with CI/CD to no avail after spending hours
  - At first it seems simple enough but opened pandora's box of other issues to consider
  - Resources indicated that the project must be dockerized to facilitate CD
    - This was a nightmare... what we worked on is in the CI\_Docker branch
  - Unfamiliarity with docker fueled this - difficult to tell if this was even the correct path to implement CD - Also GCP was going to charge per CD build

Demo Time!