

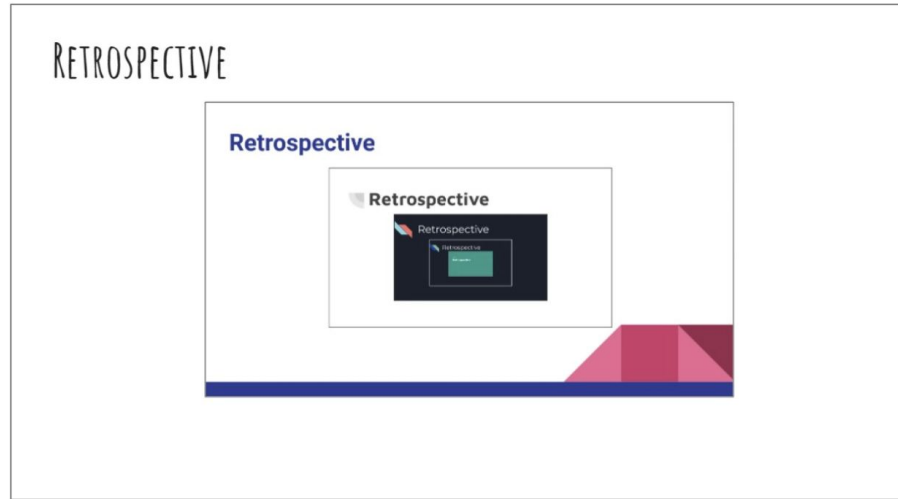
Sprint 8

Team 103



Retrospective

Retrospective

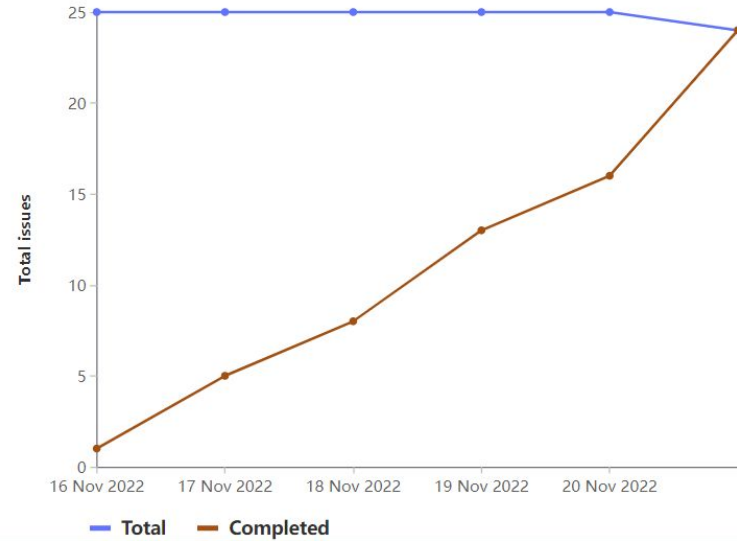


Burndown/Burnup Charts (issues)

Burndown chart

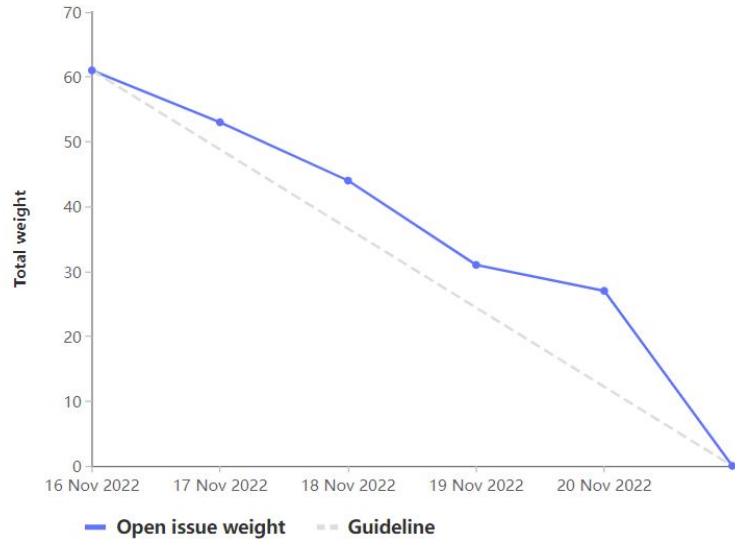


Burnup chart

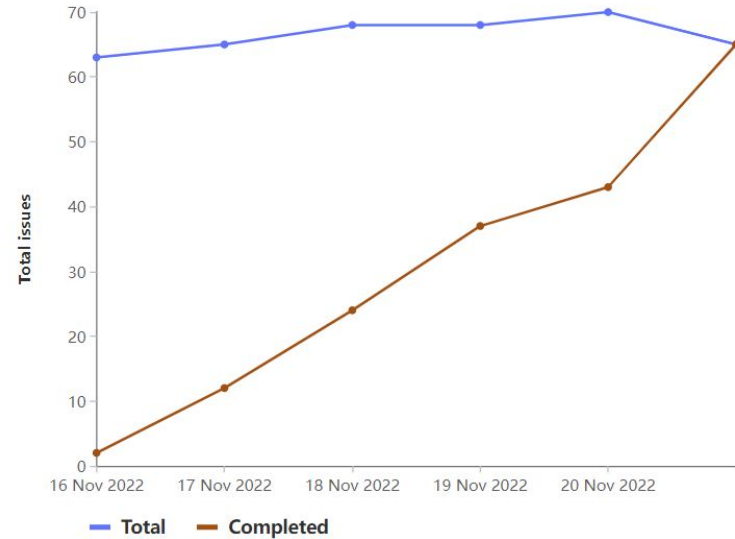


Burndown/Burnup Charts (weight)

Burndown chart



Burnup chart



What went well?

- **Sprint planning efficiency and effectiveness**
 - Brainstormed many ideas for features that can be added to improve the web app
 - The meeting was shorter than other weeks, giving us more time to work on implementation
- **Code reviews and approvals**
 - Everyone got approvals from other members of the team before merging code to the main branch
 - Also allowed us to do code reviews for each merge requests, not needing a formal session this week
- **Team communication and documentation**
 - All team members were able to contribute to the multi-platform development compatibility of the web application
 - After troubleshooting issues on different operating systems, specific developer documentation was created to help

What needs to be done differently?

- **Starting Sprint Work Earlier**

- Some of the time that was used for pair programming sessions could have been reallocated to our stretch goals instead if we didn't underestimate the level work/time needed
 - Will be more efficient overall
 - Will allow us to successfully implement more of the desired features
- Some of the issues are isolated from the main deliverable(s), and could have been started at anytime, or while others were working on foundational issues

- **Slightly steeper burndown**

- The team still tended to cram a decent number of issues into the last couple of days

Individual Contributions

Austin

- Updated the backend to accommodate for both F22 and the new W23 semester
 - Made changes to the parser to be able to return either semester's list of courses
 - Adjusted the api endpoints to require another argument that specifies the semester
- Helped with combining the frontend and backend changes for the inclusion of the W23 semester
 - The toggle button sets which semester to use as an argument in the api call
- Redesigned the calendar event titles and tooltips to be more visually consistent
 - No names/titles will be cut-off by a lack of space, as long strings are shown in the tooltip instead



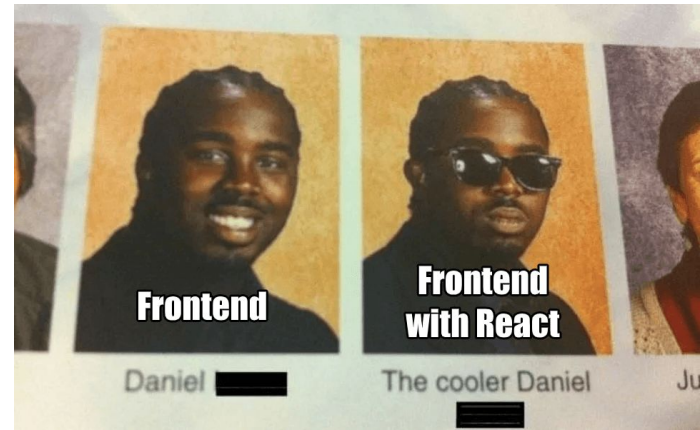
Dean

- Removing Individual courses from calendar
 - Separate functionality for semester toggle
- Saving semester calendar states when toggling between
 - Cookies for each semester
- Fixing bootstrap tooltip from staying on-screen permanently
 - Work around since fixes weren't possible with react



Zhelong

- Co-worked on “Delete Course” function in the course schedule (React & Tooltip)
- Researched other ways to separate DE courses from normal courses, discussed strategies to develop in the next sprint
- Looked into some ways to implement “Good Schedule” into UI schedule



Devin

- Helped with implementing UI improvement
- Attended group coding sessions
- Looked into mock request testing (made research notes, ran out of time to actually implement)



David

- Dockerized the project - this weeks obsession
 - Reorganized the project file structure to accommodate changes (Fix paths within files)
 - Lots of additional research on top of work from previous sprint
 - Developed Dockerfile for both Flask side and Node side
 - Worked with opening ports within docker container for deployment, also passing around nginx config and ssl cert and key
 - Developed the Docker-Compose file that links the two images
 - Redid the Flask structure to conform to best practises (also make it work with docker and local dev environments)
- Researched CD - Found options and worked to implement, seeking angel investors
- Worked on additional React components with the group

Estimated monthly cost **PREVIEW**

\$158.38

That's about \$0.22 per hour

Pricing is based on the resources you use, management fees, discounts and credits. [Learn more](#)

✓ [SHOW COST BREAKDOWN](#)

Megh

- Attended all team meetings and knowledge transfer sessions
- Implemented removing courses separately functionality
- Tried putting the DE courses in a different place but there was no feasible way to do it.

Dylan

- Added toggle button to choose Fall 2022 or Winter 2023
- Modified cookies to save separate choices
- Added delete course dropdown to delete individual courses
- Debugged bootstrap / fullcalendar tooltips (to no avail)



Demonstration