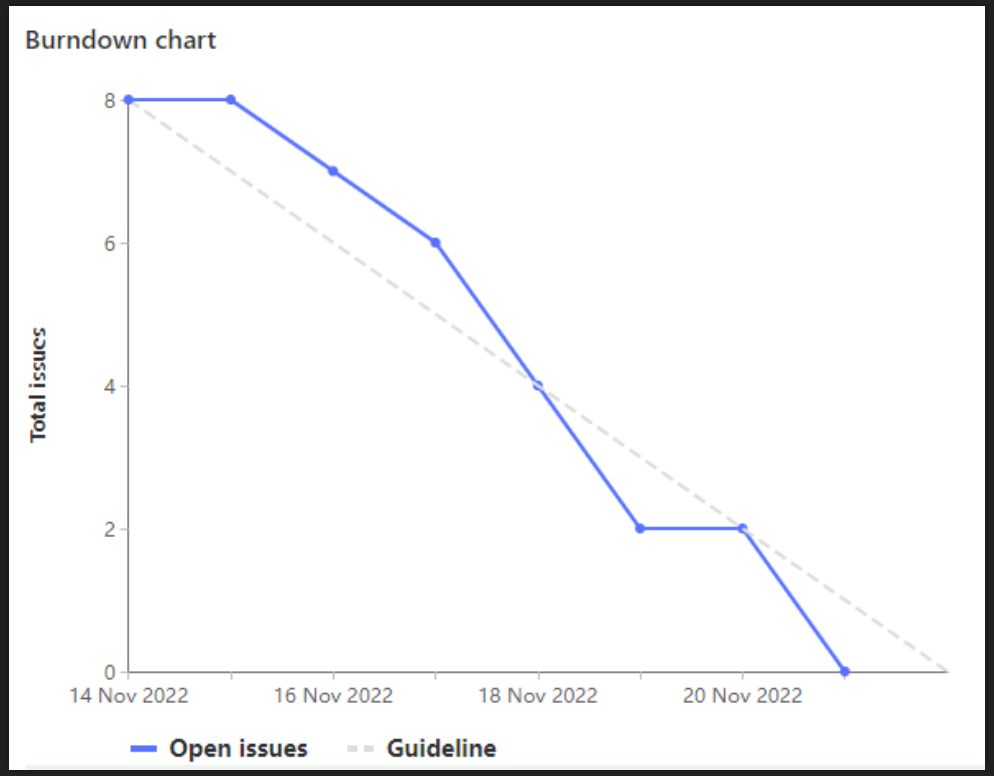
Sprint 8 Retrospective

Team 203

Burndown Chart



Outcomes

- This week was successful. We configured F22 and W23 with the help of a relational database. It was a lot of work, but it will enable any number of semesters to be added in the future.
- This week, critical tasks were completed nearing the end of the sprint, leaving little time to test and debug. We plan on improving this next week by potentially assigning tasks as they are started.

Kyler Swanson

- Configured production-ready PostgreSQL database in our Kube cluster, using a persistent volume claim to persist data
- Worked on semester selector switch in frontend app
- Worked on SQL seed file generation by refactoring htmlparser script from Sprint 1
- Refactored frontend to search for courses in the selected semester
- Rework of search logic to use database and search by semester
- Helped design database schema
- Configured credential switching for local development, testing, and production environments
- Brainstormed for Sprint 9
- **Total:** 26 points (13 hours)

Tristan Kerec

- Setup PostgreSQL locally
- Create frontend selector to choose a semester
- Configure production ready PostgreSQL database
- Refactor frontend to only search for courses in the selected semester
- Entity Relationship Diagram
- Brainstorming for Sprint 9
- Meetings and PowerPoint
- **Total: 22 points (11 hours)**

Sahejveer Singh Kumar

- Setup PostgreSQL locally
- Configure production ready PostgreSQL database
- Refactor frontend to only search for courses in the selected semester
- Entity Relationship Diagram
- Brainstorming for Sprint 9
- Meetings and PowerPoint
- **Total: 20 points (10 hours)**

Andrew Heft

- Created frontend selector to choose semester
- Refactored HTML Parser to produce SQL definition by semester input
- Created ER Diagram
- Brainstorming for Sprint 9
- Meetings and PowerPoint
- Total: 19 Points (9.5 hours)

Robert Stegmann

- Setup PostgreSQL locally
- Create Flask endpoint to return list of available semesters
- Refactor frontend to only search for courses in the selected semester
- Refactor search endpoint to use specific semester and query database instead of JSON
- Meetings and Powerpoint
- Total: 19 work points (9.5 hours)

Alireza Sharif

- Create Flask endpoint to return list of available semesters
- Refactor htmlparser to produce SQL data definition per semester input
- Refactor search endpoint to use specific semester and query database instead of JSON
- Meetings and Powerpoint
- Total: 20 work points (10 hrs)

Mackenzie Kean

- Create Flask endpoint to return list of available semesters
- Refactor frontend to only search for courses in the selected semester
- Refactor htmlparser to produce SQL data definition per semester input
- Refactor search endpoint to use specific semester and query database instead of JSON
- Meetings and Powerpoint
- Total: 21 work points (10.5 hrs), making up 0.5 hours from when I was sick during sprint 6

Demo