



Sprint 9 Retrospective Team 201

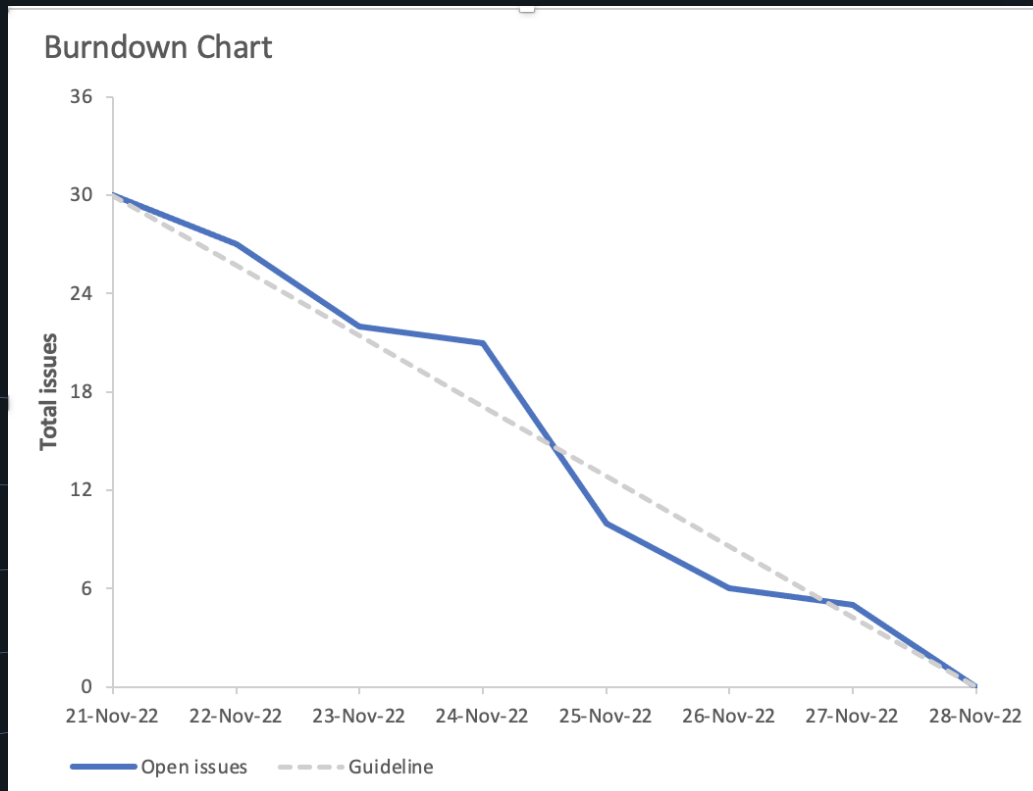
What went **Well**

- Everything we wanted to add ended up getting added
- Spread out approach
 - Each task was distinct enough that they could be worked on separately

What could be Improved upon

- Burnout
- Members working at the end of the week only had a small amount of tasks left to fill their times

Burndown Chart



Time		Tasks		
Days	Dates	Open issues	Guideline	Tasks Completed
Mon	21-Nov-22	30	30	3
Tues	22-Nov-22	27	26	5
Wed	23-Nov-22	22	21	1
Thurs	24-Nov-22	21	17	11
Friday	25-Nov-22	10	13	4
Saturday	26-Nov-22	6	9	1
Sunday	27-Nov-22	5	4	5
End	28-Nov-22	0	0	
Slope				
		4.29		

Gitlab burndown chart removed tasks created then completed on the same day on Monday/Tuesday, so custom chart was used instead

Team member Contributions

Ethan Rowan

- UI improvements ([GL198](#), [GL200](#), [GL208](#), [GL210](#), [GL211](#)) [5.5h]
- Bug fixes ([GL193](#), [GL196](#)) [2h]

Total weight: 23

Kalindu Kehel **Baddarage**

- Developed Cypress tests for new functionality
- React router setup
- Landing page optimization for mobile devices
- Updated Cypress tests for landing page

- Total weight: 14

Nash Rudiak

- Fixed Schedule Helper and added algorithms [6.5h]
- Paired programming for fixing bugs [1h]
- Extra planning for sprint [2h]

Total Weight: 25pts

Dogu Gerger

- Developed Add/Remove functionality for course info box.
- Worked on the development of the "Clear schedule" buttons.
- Worked on the development of Course tags.
- Developed Cypress tests for the new functionality.

Cameron Norrie

Ameer Mushani

- Set up react router
- Designed Custom Landing Page
- Weight: 18

Sahil Gogia

- Worked on fixing duplicate color bug.
- Paired with team members to add clear schedule button.
- Paired with team members to add tags to course list.
- Planning and discussion meetings.
- Added some CSS for mobile and updated cypress tests.

Timing Chart

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Name:		Dogu Gerger		Ethan Rowan		Sahil Gogia		Kalindu Kehel Baddarage		Ameer Mushani		Nash Rudiak		Cameron Norrie
2	Discord name:		dgerger		Ethan		been		Synapse		Ameer M		Nash Rudiak		Cameron Norrie
3	Planned Task				PDF, color bug,		Balanced						Schedule Helper		
4	Planned Days				Tues, Wed/2, Thurs, Sun								Mon, Tues, Wed, Fri		
5		2	Planning Meeting	2	Planning meeting	2	Planning Meeting	2	Planning Meeting	1	Sprint discussion	4	Fixed the tuesday/thursday algorithm performing too early		
6		2	Added Add/Remove button to CourseInfo	2	Research PDF	2	Fixed duplicate colors bug	2	Final sprint meeting	1	React Router Research	2	Fixed Conflicting courses bug		
7		2	Paired with Ethan for adding clear schedule buttons	1	Recap discussion	2	Paired with Ethan to add clear schedule button	3	Developed Cypress tests for new components	4	Setup React Router	2	Multiple Returns		
8		2	Paired with Ethan for adding tags to courselist	2	CSS header menu styling	2	Paired with Ethan for adding tags to courselist	1	Presentation	6	Designing Landing Page	1	No Fridays Algorithm		
9		3	Developed Cypress tests for new components	2	Implement export to PNG	2	Investigated Design Landing page branch	1	Merge Conflict Fix	1	Merge Conflict Fix	1	Created Custom Burndown Chart		
10		2	Final Sprint meeting	1	Create favicon logo	2	Final Sprint meet	1	Update Cypress Tests with Landing page	2	Final Sprint meeting	2	Planning Meeting		
11		1	Slides	2	Fix pipeline disk space bug	1	slides	1	CSS styling for mobile	1	Update Cypress Tests with Landing page	1	Add tasks to gitlab		
12		2	Code Review	1	Code cleanup removing old files and debug logging	1	updated cypress test with landing page	3	React router research and initial setup	1	CSS styling for mobile	1	Add No Morning/Evening algorithms		
13				2	Fixed duplicate colors bug	1	CSS styling for mobile			1	Slides	1	Recap discussion		
14				2	Added clear schedule buttons							2	CSS header styling (pair)		
15				2	Added tags to the course list component							1	Fixed tests failing for router		
16				1	Refactoring							3	Created user stories		
17				3	Finalized the schedule helper UI							1	Fixed duplicate colors bug		
18												3	Finalized the schedule helper UI		
19				2	Final Sprint Meeting							2	Final Sprint Meeting		
20															
21															
22															
23															
24	Total	16		25		15		14		18		27		0	



Demo

Use Case 1: Basic Search

- Actor

1st Year Undergraduate
Students at University of
Guelph

- Basic Flow

The student has just enrolled into Guelph and has done their research beforehand on what courses they want to add. In this case, the student is a first year that wants to add all these W2023 courses: MCS*1000, IDEV*1000, GEOG*1220, ACT*1220, BIOL*1500. They will add these courses to their own schedule by using the search bar with the code and choosing the first available section

Use Case 2: Find Course By Name

- Actor

3rd Year Computer
Science student

- Basic Flow

The student so far has enrolled in 4 **W23** courses so far: **CIS*3760**, **STAT*2050**, **ECON*2310**, and **CIS*3490**. However, they were going to enroll in Computer Networks but the course isn't offered in the Winter. In a quick scramble, they **search** "**Computer**" to find a course that is related to computers that might fit their schedule. They then browse through the courses by **clicking** them for **info**. Once they find the course they like, the student **adds** it to their schedule.

Use Case 3: Find Professor Courses

- Actor

University Advisor

- Basic Flow

An advisor for the university has been looking to balance workload for professors. Before they decide what the professor should do during the Winter 2023 semester, the advisor wants to look at what courses they taught in Fall 2022. Right now, they are looking for courses C. Klotz taught, so they will search their name to find the courses in particular.

Use Case 4: No Tuesday/Thursday

- Actor

Graduate Student at the University of Guelph

- Basic Flow

A graduate student coming back to Guelph has enrolled in 2 W23 courses: CIS*3750, and CIS*2750. They are both 1hr 20min lectures on Tuesday and Thursday. The student doesn't want to have any more courses on those days, but doesn't know what courses they should choose. They therefore use the button that says "No Tuesday/Thursday" to get some ideas for courses, and will add them to the schedule.

Use Case 5: No Friday

- Actor

Graduate Student at the University of Guelph

- Basic Flow

Another graduate student just only recently enrolled again at Guelph. They planned on taking their required courses next year and filling their **W23** semester with courses that are interesting and will get their credit up. They want all their classes to be in person and are very adamant about having their Fridays free. Therefore, the student will **click** the **No Fridays** button to generate courses that don't conflict and are not on Friday, then will **add all** those courses

Use Case 6: No Mornings

- Actor

4th year undergraduate student

- Basic Flow

A 4th year student is going to decide their W23 courses soon, however they don't really have a plan. They know one thing for sure: they are not a morning person. They therefore generate a schedule using the No Mornings button and add all the courses. Additionally, they do not like online courses so they select the checkbox to have only courses with meeting times.

Use Case 7: Export

- Actor

Undergraduate Living
in Housing with others

- Basic Flow

The student has been in Guelph for a decent amount of time and has already decided on their **Fall 2022** schedule: **CIS*4510**, **MUSC*2100**, **POLS*6950**, **MCS*3000**, and **SART*4090**. However, their roommates need their help with things from time to time. To solve this, the student **clicks** the **hamburger menu** for options and notices they can **export** it to an image. This gives them a file they can print and put up on their door so their schedule is always known.