

Project 2: NRC Electron Microscope Tools

July 14 - July 19 Task Summary

Completed

Title	Assignees	Status	Compl... ↓	Size
1 Refactoring Nanomi GUI	josepena97	done	Jul 19, 2022	? size unknown
2 Implement peak detection and core calculations in qEELS	veengren-s	done	Jul 19, 2022	? size unknown
3 Impliment ycfit math	veengren-s	done	Jul 19, 2022	small
4 impliment spectrogram rotation	veengren-s	done	Jul 19, 2022	small
5 learn good technical writing practices	coffeehousejazz	done	Jul 19, 2022	small
6 user manual template	coffeehousejazz	done	Jul 19, 2022	x-small

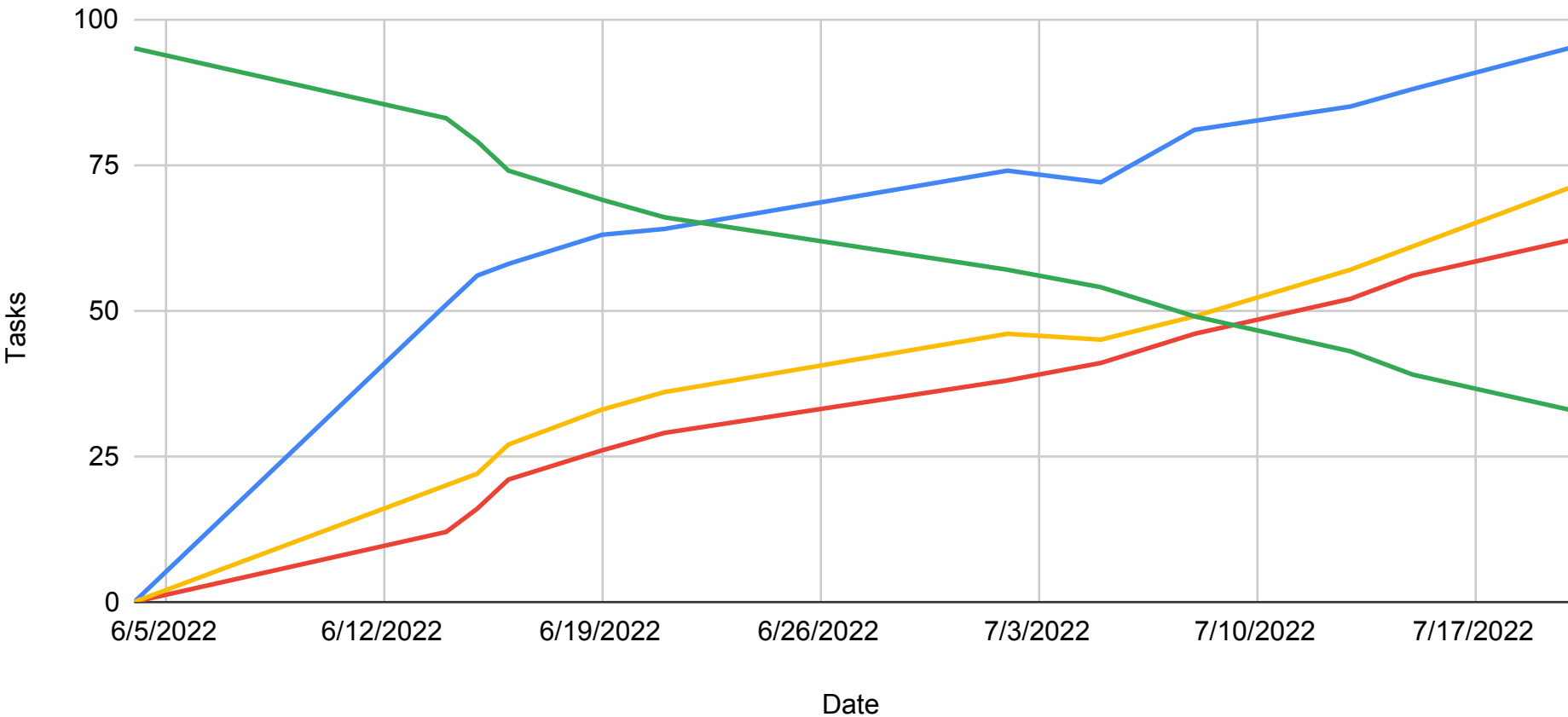
Work-in-progress

64 Implement interpolation for automatic particle tracking	luctowers	in progress
65 Impliment peak finding	veengren-s	in progress
66 Create qEELS user manual	coffeehousejazz	in progress
67 make template/guide for our manuals/documentation	coffeehousejazz	in progress
68 Create alignment user manual	coffeehousejazz	in progress
69 Refactor alignment software to output necessary data to csv :	luctowers	in progress
70 Refactoring ray plotting	josepena97	in progress
71 Create Nanomi user manual	coffeehousejazz	in progress

Project 2: NRCEMT Burnup

Based on Github Projects board

total done done+review+inprogress burndown

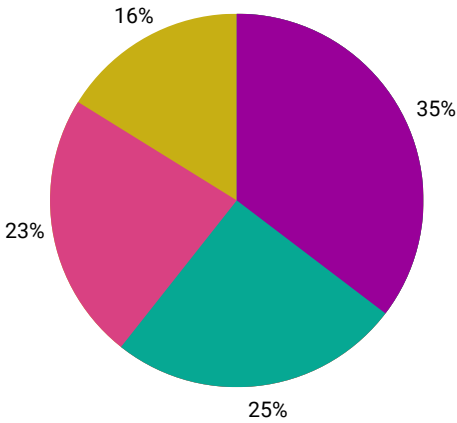
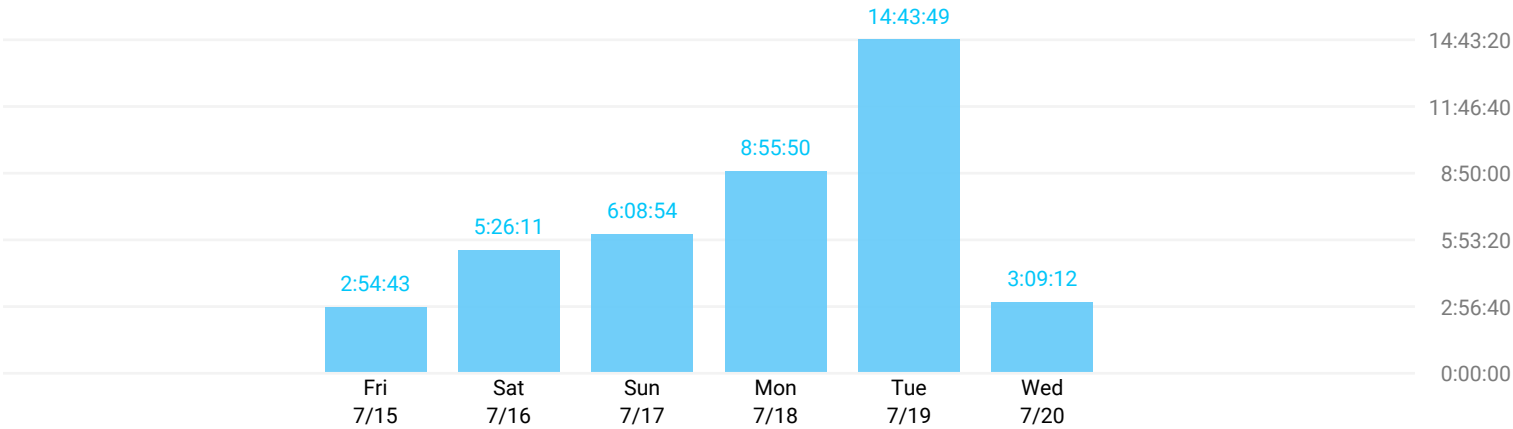


Summary Report



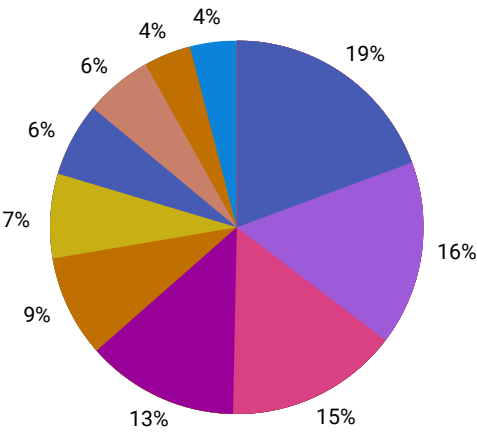
07/15/2022 – 07/20/2022

TOTAL HOURS: 41:18:39



- USER
- GC Garrett Cook
 - JP Jose Pena
 - JM Jasmine Mishra
 - LT Lucas Towers

- DURATION
- 14:35:21
 - 10:28:17
 - 9:33:53
 - 6:41:08



- TIME ENTRY
- #200 Qeels peak detecting
 - #167 qeels peak detection
 - nanomi optics user manual
 - Refactoring GUI and analyzing ray path plotting
 - refactor alignment software for csv writing
 - Implementing particle interpolation
 - Refactoring GUI
 - Brainstorming and Refactoring GUI
 - alignment software user manual
 - qEELS user manual

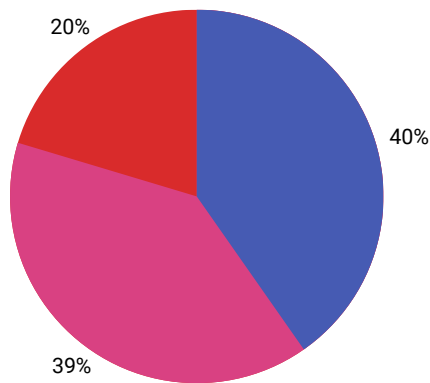
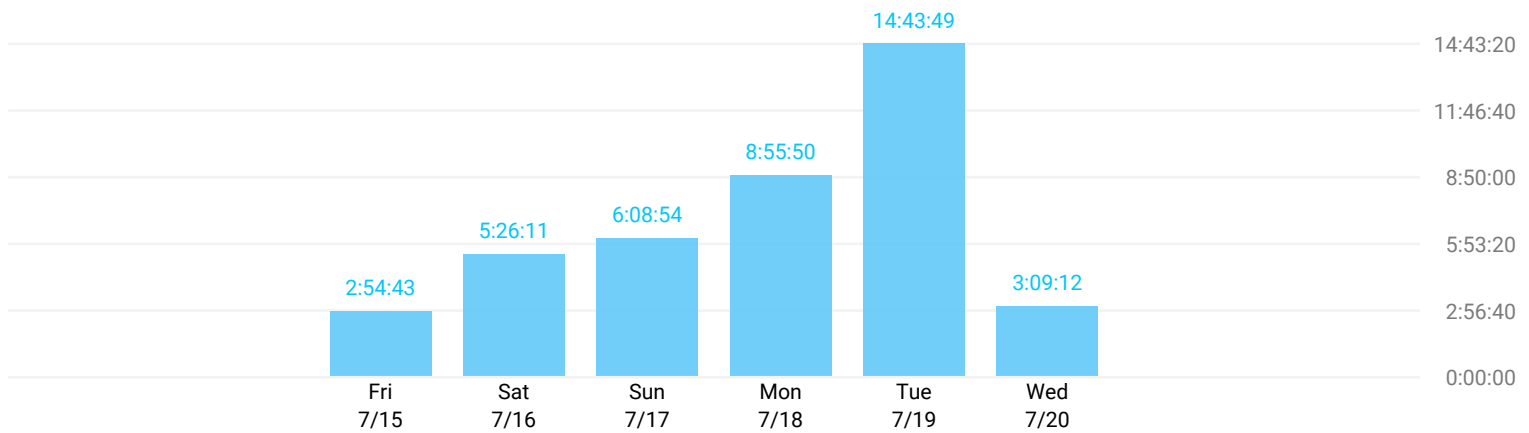
- DURATION
- 7:59:08
 - 6:36:13
 - 6:11:26
 - 5:26:00
 - 3:41:08
 - 3:00:00
 - 2:37:56
 - 2:24:21
 - 1:42:16
 - 1:40:11

USER - TIME ENTRY		DURATION	PERCENTAGE
<div>GC</div> <div>Garrett Cook</div>		14:35:21	35.32%
	#167 qeels peak detection	6:36:13	15.99%
	#200 Qeels peak detecting	7:59:08	19.33%
<div>JM</div> <div>Jasmine Mishra</div>		9:33:53	23.15%
	alignment software user manual	1:42:16	4.13%
	nanomi optics user manual	6:11:26	14.99%
	qEELS user manual	1:40:11	4.04%
<div>JP</div> <div>Jose Pena</div>		10:28:17	25.35%
	Brainstorming and Refactoring GUI	2:24:21	5.82%
	Refactoring GUI	2:37:56	6.37%
	Refactoring GUI and analyzing ray path plotting	5:26:00	13.15%
<div>LT</div> <div>Lucas Towers</div>		6:41:08	16.18%
	Implementing particle interpolation	3:00:00	7.26%
	refactor alignment software for csv writing	3:41:08	8.92%

Summary Report

07/15/2022 – 07/20/2022

TOTAL HOURS: 41:18:39

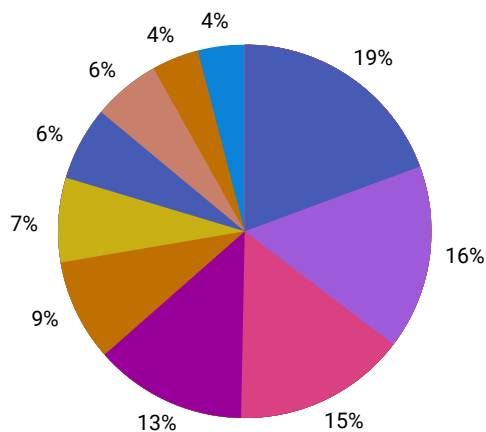


PROJECT

- Nanomi Optics • Misa Hayashida
- qEELS peak detection • Misa Hayashida
- Alignment Software • Misa Hayashida

DURATION

16:39:43
16:15:32
8:23:24



TIME ENTRY

- #200 Qeels peak detecting
- #167 qeels peak detection
- nanomi optics user manual
- Refactoring GUI and analyzing ray path plotting
- refactor alignment software for csv writing
- Implementing particle interpolation
- Refactoring GUI
- Brainstorming and Refactoring GUI
- alignment software user manual
- qEELS user manual

DURATION

7:59:08
6:36:13
6:11:26
5:26:00
3:41:08
3:00:00
2:37:56
2:24:21
1:42:16
1:40:11

PROJECT - TIME ENTRY	DURATION	PERCENTAGE
● Alignment Software • Misa Hayashida	8:23:24	20.31%
alignment software user manual	1:42:16	4.13%
Implementing particle interpolation	3:00:00	7.26%
refactor alignment software for csv writing	3:41:08	8.92%
● Nanomi Optics • Misa Hayashida	16:39:43	40.33%
Brainstorming and Refactoring GUI	2:24:21	5.82%
nanomi optics user manual	6:11:26	14.99%
Refactoring GUI	2:37:56	6.37%
Refactoring GUI and analyzing ray path plotting	5:26:00	13.15%
● qEELS peak detection • Misa Hayashida	16:15:32	39.36%
#167 qeels peak detection	6:36:13	15.99%
#200 Qeels peak detecting	7:59:08	19.33%
qEELS user manual	1:40:11	4.04%