Project 2: NRC Electron Microscope Tools

July 13 - July 14 Task Summary

Completed

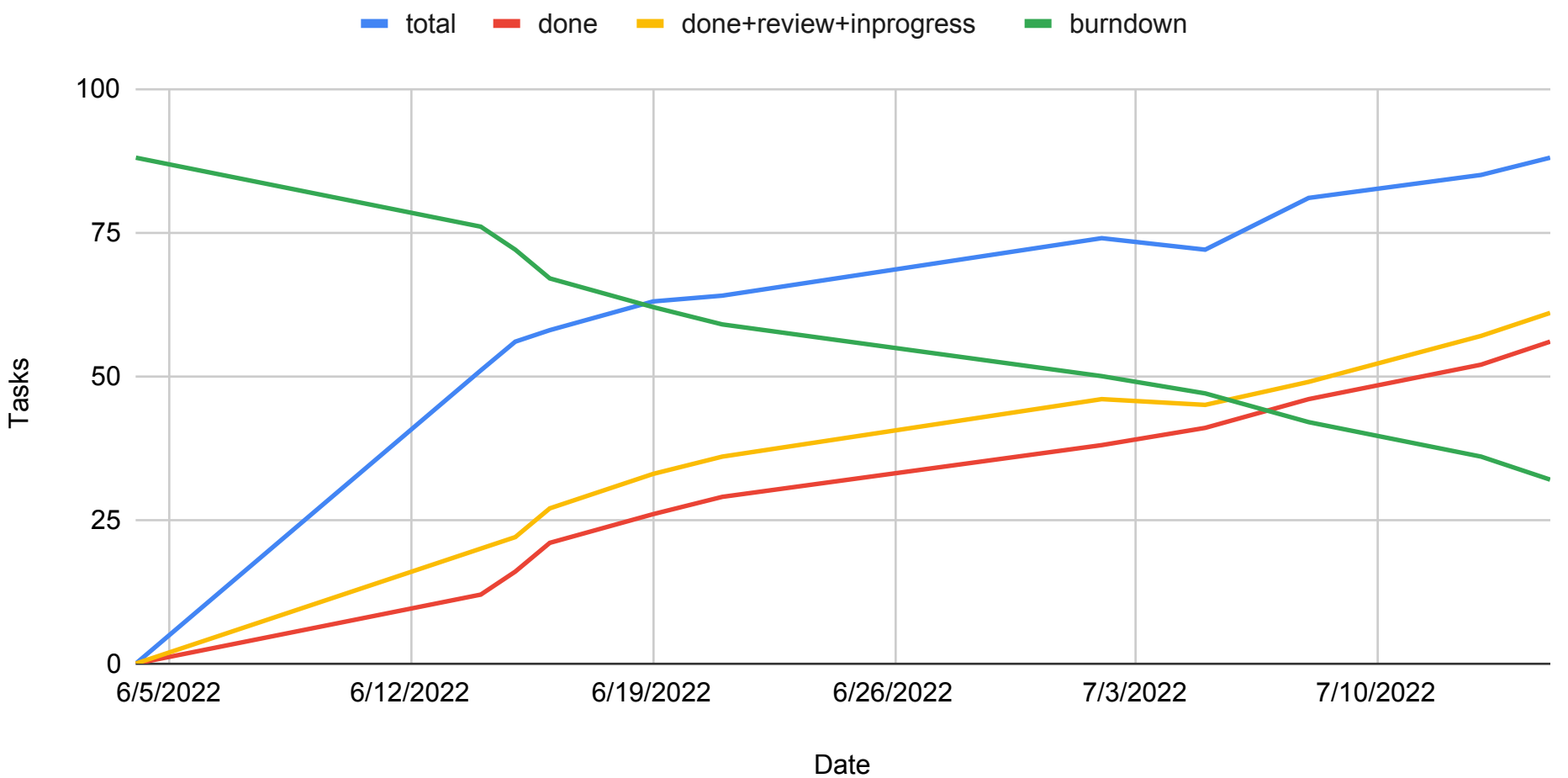
1	Refactoring Upper Lenses ray path math errors and ray path t	josepena97	done	Jul 14, 2022	large
2	Implement alignment optimization engine	luctowers	done	Jul 14, 2022	large
3	Integrate GUI controls with lower lenses engine	josepena97	done	Jul 14, 2022	medium
4	Implement bottom lenses to Lens class	josepena97	done	Jul 14, 2022	medium

Work-in-progress

57	add csv save function	coffeehousejazz	review
58	impliment spectrogram rotation	veengren-s	in progress
59	Impliment ycfit math	veengren-s	in progress
60	make template/guide for our manuals/documentation	coffeehousejazz	in progress
61	Implement peak detection and core calculations in qEELS	veengren-s	in progress

Project 2: NRCEMT Burnup

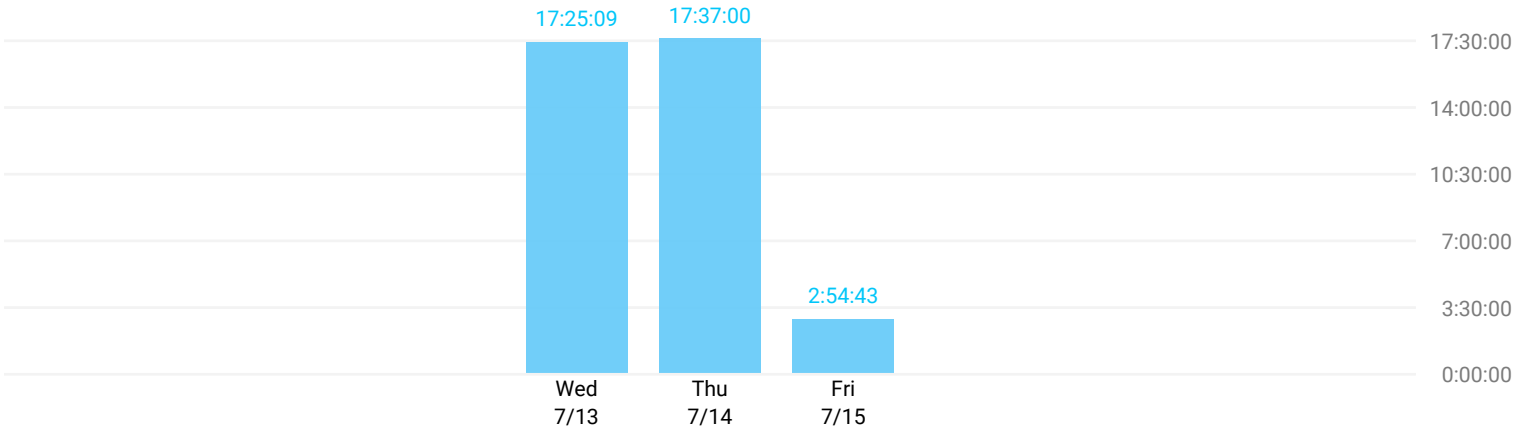
Based on Github Projects board

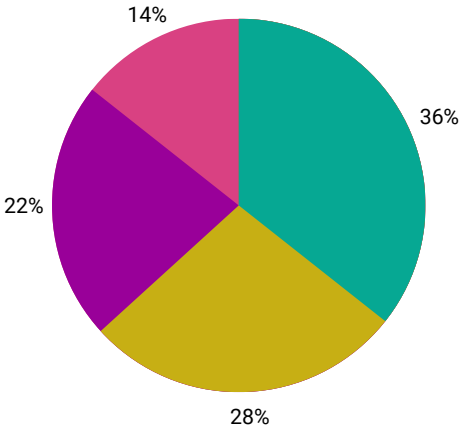


Summary Report

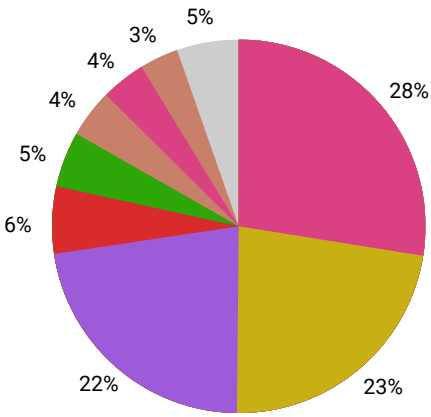
07/13/2022 – 07/15/2022

TOTAL HOURS: 37:56:52





USER	DURATION
JP Jose Pena	13:32:07
LT Lucas Towers	10:28:00
GC Garrett Cook	8:30:16
JM Jasmine Mishra	5:26:29



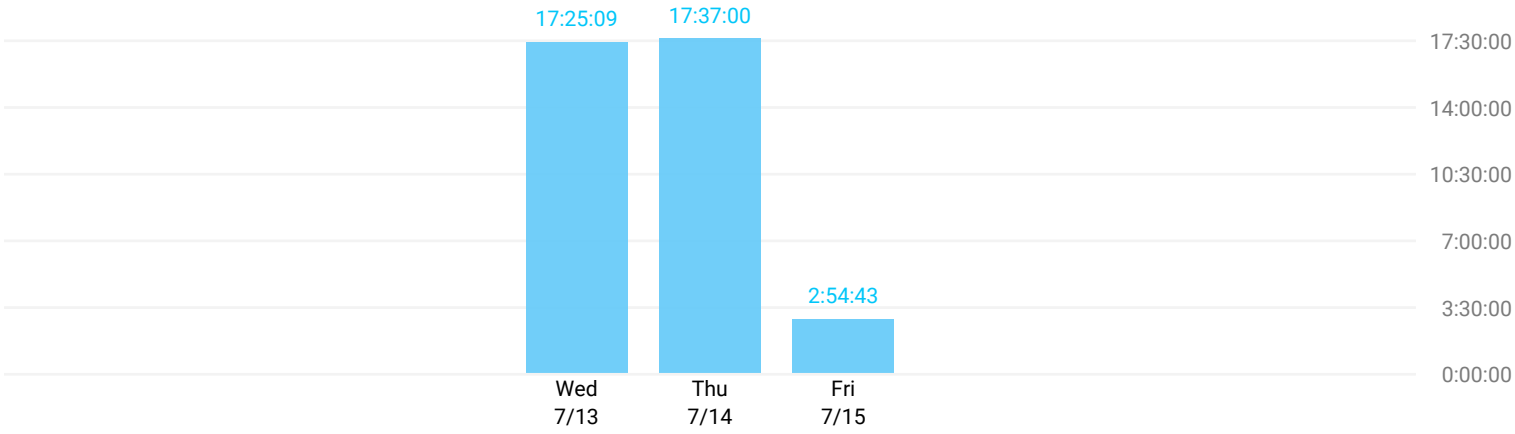
TIME ENTRY	DURATION
Implement optmization math	10:28:00
Analyzing MatLab legacy code and refactoring Upper Lenses math methods and tests	8:34:47
#167 qeels peak detection	8:30:16
Nanomi optics looking for graphics error	2:13:58
Analyzing Matlab legacy code and implementing Lower lenses math methods and tests	1:49:22
researching good software documentation practices	1:34:00
nanomi optics user manual	1:27:56
save results to csv	1:17:00
Other time entries	2:01:33

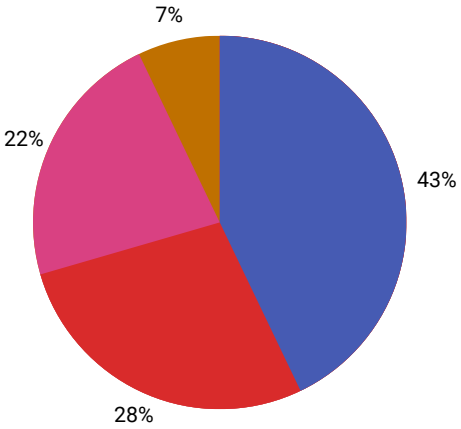
USER - TIME ENTRY	DURATION	PERCENTAGE
GC Garrett Cook	8:30:16	22.41%
#167 qeels peak detection	8:30:16	22.41%
JM Jasmine Mishra	5:26:29	14.34%
make template/style guide for manuals	1:07:33	2.97%
nanomi optics user manual	1:27:56	3.86%
researching good software documentation practices	1:34:00	4.13%
save results to csv	1:17:00	3.38%
JP Jose Pena	13:32:07	35.67%
Analyzing Matlab legacy code and implementing Lower lenses math methods and tests	1:49:22	4.8%
Analyzing MatLab legacy code and refactoring Upper Lenses math methods and tests	8:34:47	22.61%
Nanomi optics looking for graphics error	2:13:58	5.88%
Reviewing PRs	0:54:00	2.37%
LT Lucas Towers	10:28:00	27.58%
Implement optmization math	10:28:00	27.58%

Summary Report

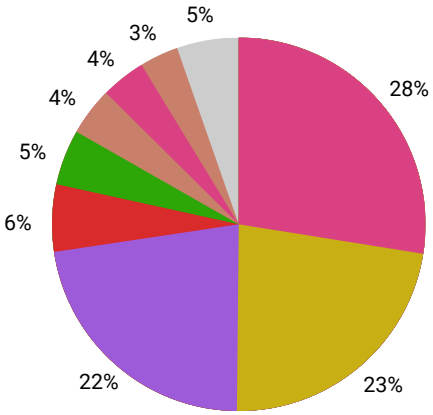
07/13/2022 – 07/15/2022

TOTAL HOURS: 37:56:52





PROJECT	DURATION
Nanomi Optics • Misa Hayashida	16:17:03
Alignment Software • Misa Hayashida	10:28:00
qEELS peak detection • Misa Hayashida	8:30:16
NRC Electron Microscope tools(General) • Misa Hayashida	2:41:33



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nanomi optics user manual	1:27:56
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Other time entries	2:01:33

PROJECT - TIME ENTRY	DURATION	PERCENTAGE
Alignment Software • Misa Hayashida	10:28:00	27.58%
Implement optmization math	10:28:00	27.58%
Nanomi Optics • Misa Hayashida	16:17:03	42.91%
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Analyzing MatLab legacy code and refactoring Upper Lenses math methods and tests	8:34:47	22.61%
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nanomi optics user manual	1:27:56	3.86%
Reviewing PRs	0:54:00	2.37%
save results to csv	1:17:00	3.38%
NRC Electron Microscope tools(General) • Misa Hayashida	2:41:33	7.1%
make template/style guide for manuals	1:07:33	2.97%
researching good software documentation practices	1:34:00	4.13%
qEELS peak detection • Misa Hayashida	8:30:16	22.41%
#167 qeels peak detection	8:30:16	22.41%