Project 2: NRC Electron Microscope Tools

July 20 - July 21 Task Summary

Completed

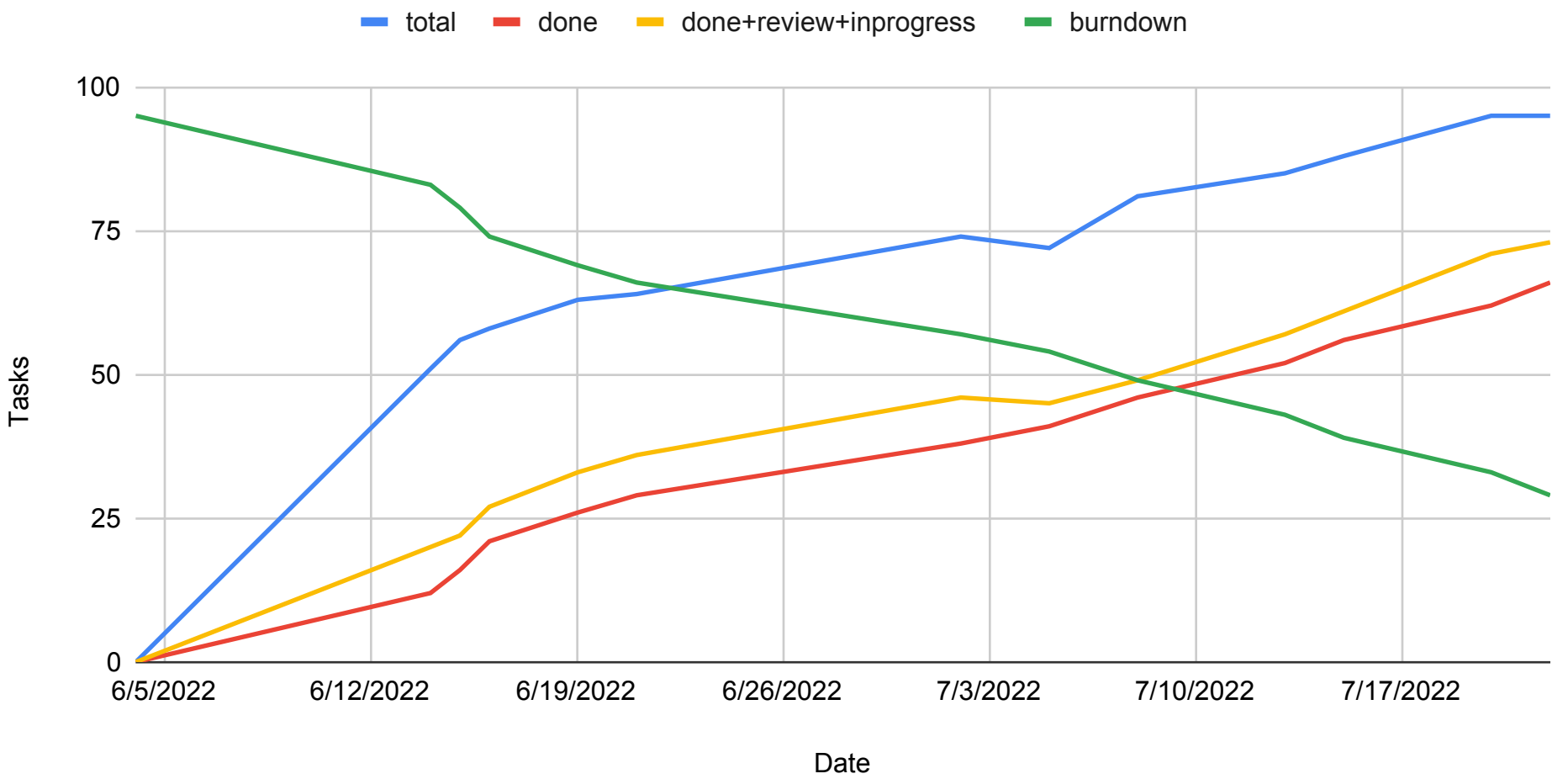
	Title	Assignees	Status	Compl...	Size
1	Refactoring ray plotting and tests	josepena97	done	Jul 21, 2022	large
2	Refactor alignment software to output necessary data to csv a	luctowers	done	Jul 21, 2022	large
3	Implement interpolation for automatic particle tracking	luctowers	done	Jul 21, 2022	small
4	Impliment peak finding	veengren-s	done	Jul 21, 2022	small

Work-in-progress

67	add csv save function	coffeehousejazz	review
68	Create qEELS user manual	coffeehousejazz	in progress
69	make template/guide for our manuals/documentation	coffeehousejazz	in progress
70	Integrate optimization with GUI	luctowers	in progress
71	Create alignment user manual	coffeehousejazz	in progress
72	Implement optimization for auto setting on 'Projective' lens	josepena97	in progress
73	Create Nanomi user manual	coffeehousejazz	in progress

Project 2: NRCEMT Burnup

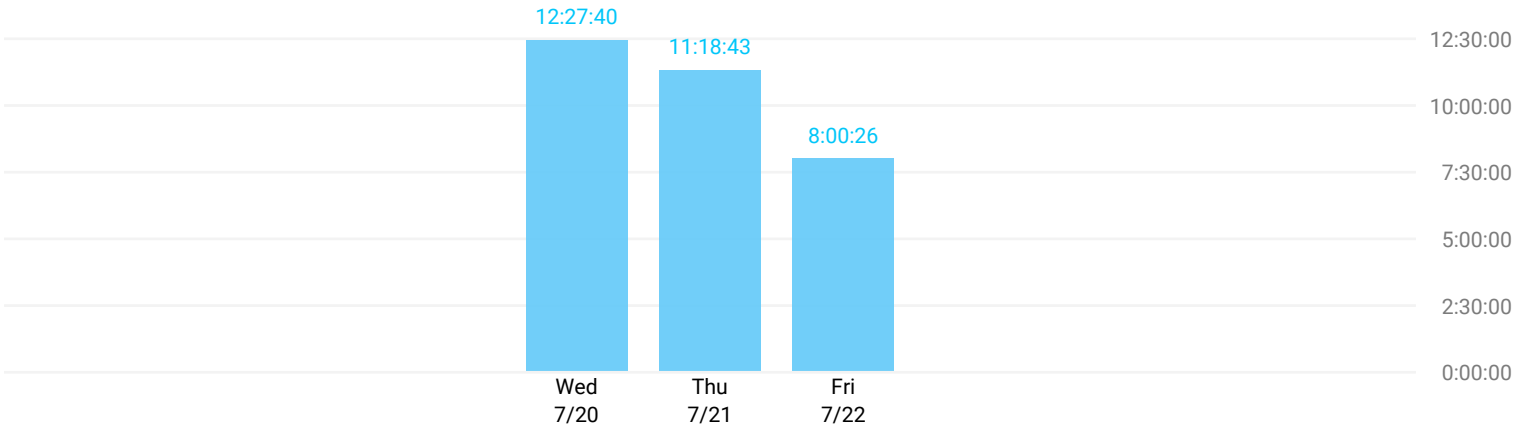
Based on Github Projects board

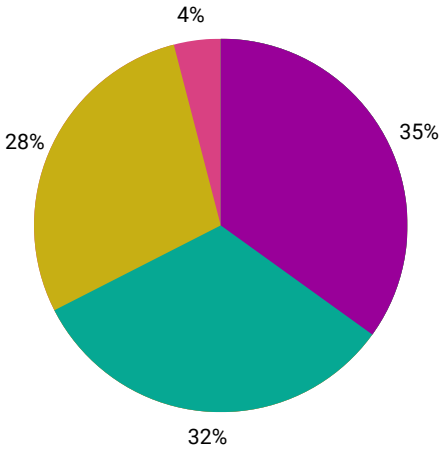


Summary Report

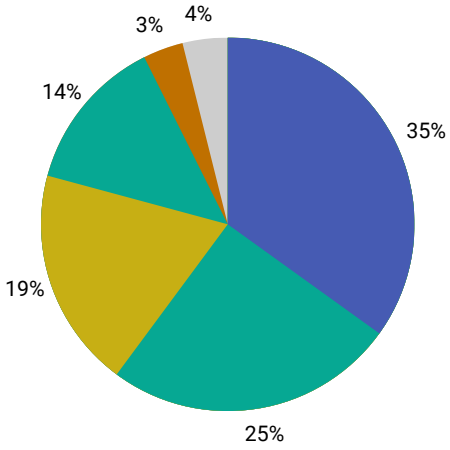
07/20/2022 – 07/22/2022

TOTAL HOURS: 31:46:49





USER	DURATION
GC Garrett Cook	11:06:57
JP Jose Pena	10:19:30
LT Lucas Towers	9:03:23
JM Jasmine Mishra	1:16:59



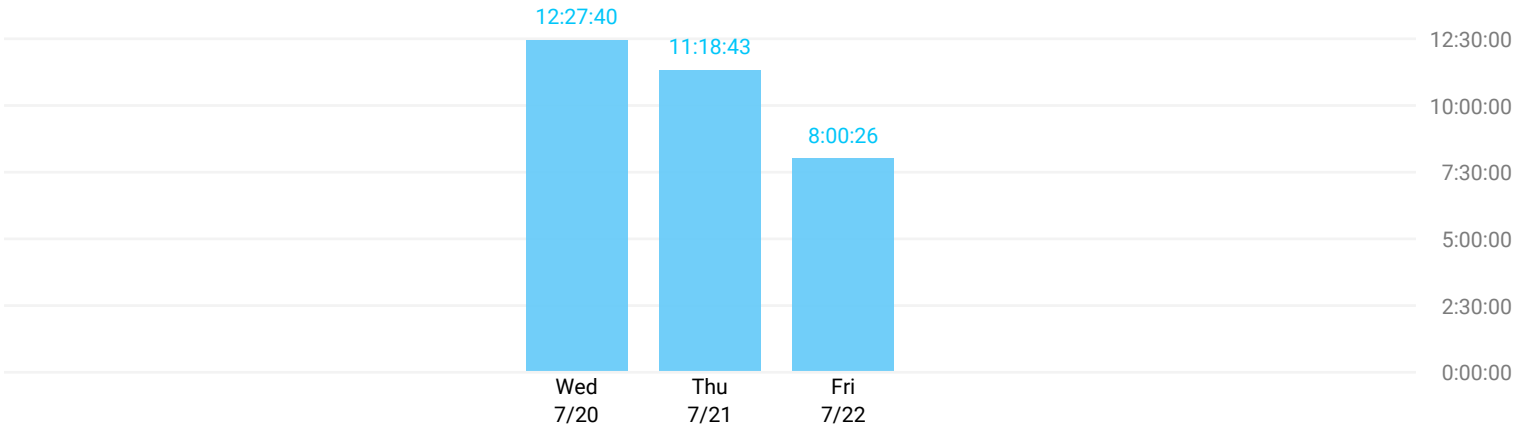
TIME ENTRY	DURATION
#200 Qeels peak detecting	11:06:57
refactor alignment software for csv writing and interpolation	8:00:26
Refactoring ray plotting	6:01:25
Refactoring ray path tests, optimization start-up, refactoring optimization gui	4:18:05
alignment software user manual	1:04:40
Other time entries	1:15:16

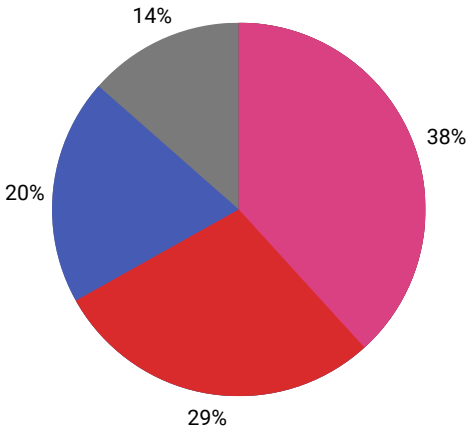
USER - TIME ENTRY	DURATION	PERCENTAGE
GC Garrett Cook	11:06:57	34.98%
#200 Qeels peak detecting	11:06:57	34.98%
JM Jasmine Mishra	1:16:59	4.04%
alignment software user manual	1:04:40	3.39%
nanomi optics user manual	0:12:19	0.65%
JP Jose Pena	10:19:30	32.49%
Refactoring ray path tests, optimization start-up, refactoring optimization gui	4:18:05	13.53%
Refactoring ray plotting	6:01:25	18.95%
LT Lucas Towers	9:03:23	28.5%
Help garrett with qEELS	1:02:57	3.3%
refactor alignment software for csv writing and interpolation	8:00:26	25.2%

Summary Report

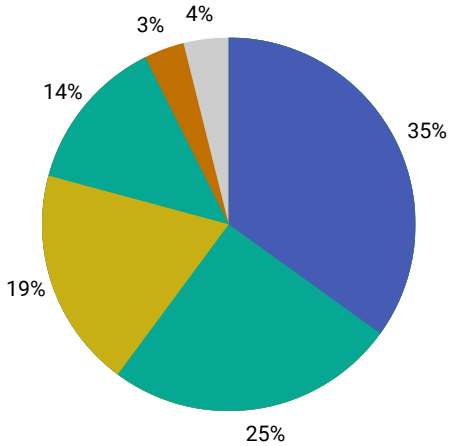
07/20/2022 – 07/22/2022

TOTAL HOURS: 31:46:49





PROJECT	DURATION
qEELS peak detection • Misa Hayashida	12:09:54
Alignment Software • Misa Hayashida	9:05:06
Nanomi Optics • Misa Hayashida	6:13:44
Without project	4:18:05



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Alignment Software • Misa Hayashida	9:05:06	28.59%
alignment software user manual	1:04:40	3.39%
refactor alignment software for csv writing and interpolation	8:00:26	25.2%
Nanomi Optics • Misa Hayashida	6:13:44	19.6%
nanomi optics user manual	0:12:19	0.65%
Refactoring ray plotting	6:01:25	18.95%
qEELS peak detection • Misa Hayashida	12:09:54	38.28%
#200 Qeels peak detecting	11:06:57	34.98%
Help garrett with qEELS	1:02:57	3.3%
Without project	4:18:05	13.53%
Refactoring ray path tests, optimization start-up, refactoring optimization gui	4:18:05	13.53%