ENG 4000: Satellite Ope...
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Burnup report

> How to read this report

Sprint	Estimation field
ENG4000-SOSO 1.6 ⌄	Story points ⌄

Date - 14 January 2024 - 28 January 2024

Sprint goal - - Finalize Algorithm (Rafael) - More Algorithm Attempts - More Rework - Initiate CI/CD Pipeline

Completed work	Guideline	Work Scope
Number of story points completed this sprint	Ideal burn rate	Number of story points to be completed this sprint

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Date	Event	Issue	Completed	Scope
Sun, Jan 14 2024, 10:06pm	Sprint started	ENG4SOSO-107 As a developer, I want to have a more readable codebase for the event-relay API microservice ENG4SOSO-117 As a developer, I want all Individual units in event relay and image management to produce the desired output ENG4SOSO-30 Add Outbound Functionality into Ground Station Outbound Microservice ENG4SOSO-135 As an overall user of the system, I want satellite schedules to be automatically generated. ENG4SOSO-132 As a developer I want to use particle swarm optimization to produce schedules ENG4SOSO-133 As a developer, I want to ensure orders are parsed into parent and children accurately ENG4SOSO-136 As a satellite operator, I want to updates on satellite eclipses and ground station to satellite contact opportunities ENG4SOSO-120 As a developer, I want to have an automated continuous integration & continuous delivery pipeline for the system's version control actions ENG4SOSO-137 As a developer, I want to have well defined scoring functions to provide genetic algorithm optimization	0	190
Wed, Jan 17 2024, 2:50pm	Added to sprint	ENG4SOSO-138 As a satellite operator, I want detailed information regarding power constraints on satellites	0	190
Wed, Jan 17 2024, 2:51pm	Estimate updated	ENG4SOSO-138 As a satellite operator, I want detailed information regarding power constraints on satellites	0	190 → 200
Thu, Jan 18 2024, 3:30pm	Issue completed	ENG4SOSO-107 As a developer, I want to have a more readable codebase for the event-relay API microservice	0 → 10	200
Thu, Jan 18 2024, 5:34pm	Estimate updated	ENG4SOSO-133 As a developer, I want to ensure orders are parsed into parent and children accurately	10	200 → 190
Thu, Jan 18 2024, 5:35pm	Estimate updated	ENG4SOSO-133 As a developer, I want to ensure orders are parsed into parent and children accurately	10	190 → 195
Thu, Jan 18 2024, 5:37pm	Added to sprint	ENG4SOSO-139 Meeting Notes	10	195
Thu, Jan 18 2024, 5:37pm	Estimate updated	ENG4SOSO-139 Meeting Notes	10	195 → 196
Sun, Jan 21 2024, 9:01pm	Added to sprint	ENG4SOSO-140 Peer Review for Winter Semester 1	10	196
Sun, Jan 21 2024, 9:03pm	Estimate updated	ENG4SOSO-140 Peer Review for Winter Semester 1	10	196 → 201
Sun, Jan 21 2024, 9:14pm	Added to sprint	ENG4SOSO-129 As a developer, I want to define detailed performance metrics to evaluate the system	10	201
Sun, Jan 21 2024, 9:14pm	Issue completed	ENG4SOSO-129 As a developer, I want to define detailed performance metrics to evaluate the system	10	201
Sun, Jan 21 2024, 9:15pm	Estimate updated	ENG4SOSO-129 As a developer, I want to define detailed performance metrics to evaluate the system	10 → 50	201 → 241
Sun, Jan 21 2024, 9:15pm	Issue completed	ENG4SOSO-137 As a developer, I want to have well defined scoring functions to provide genetic algorithm optimization	50 → 70	241
Sun, Jan 21 2024, 9:15pm	Issue re-opened	ENG4SOSO-129 As a developer, I want to define detailed performance metrics to evaluate the system	70 → 30	241
Sun, Jan 21 2024, 9:16pm	Estimate updated	ENG4SOSO-129 As a developer, I want to define detailed performance metrics to evaluate the system	30	241 → 203

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Date	Event	Issue			
Sun, Jan 28 2024, 4:48pm	Estimate updated	ENG4SOSO-132 As a developer I want to use particle swarm optimization to produce schedules	32		203 → 188
Sun, Jan 28 2024, 8:54pm	Estimate updated	ENG4SOSO-132 As a developer I want to use particle swarm optimization to produce schedules	32		188 → 173
Sun, Jan 28 2024, 9:13pm	Issue completed	ENG4SOSO-140 Peer Review for Winter Semester 1	32 → 37		173
Sun, Jan 28 2024, 9:17pm	Issue completed	ENG4SOSO-133 As a developer, I want to ensure orders are parsed into parent and children accurately	37 → 47		173
Sun, Jan 28 2024, 9:19pm	Issue completed	ENG4SOSO-135 As an overall user of the system, I want satellite schedules to be automatically generated.	47 → 87		173
Sun, Jan 28 2024, 9:21pm	Issue completed	ENG4SOSO-117 As a developer, I want all Individual units in event relay and image management to produce the desired output	87 → 107		173
Sun, Jan 28 2024, 9:22pm	Issue completed	ENG4SOSO-136 As a satellite operator, I want to updates on satellite eclipses and ground station to satellite contact opportunities	107 → 122		173
Sun, Jan 28 2024, 9:24pm	Issue completed	ENG4SOSO-120 As a developer, I want to have an automated continuous integration & continuous delivery pipeline for the system's version control actions	122 → 137		173
Sun, Jan 28 2024, 9:25pm	Issue completed	ENG4SOSO-139 Meeting Notes	137 → 138		173
Sun, Jan 28 2024, 9:30pm	Added to sprint	ENG4SOSO-148 As a satellite operator, I want satellite and ground station schedules to be sent to the ground stations	138		173 → 188
Sun, Jan 28 2024, 9:31pm	Removed from sprint	ENG4SOSO-148 As a satellite operator, I want satellite and ground station schedules to be sent to the ground stations	138		188 → 173
Sun, Jan 28 2024, 9:31pm	Issue completed	ENG4SOSO-30 Add Outbound Functionality into Ground Station Outbound Microservice	138 → 153		173
Sun, Jan 28 2024, 9:32pm	Added to sprint	ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules	153		173 → 183
Sun, Jan 28 2024, 9:33pm	Removed from sprint	ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules	153		183 → 173
Sun, Jan 28 2024, 9:33pm	Issue completed	ENG4SOSO-132 As a developer I want to use particle swarm optimization to produce schedules	153 → 163		173
Sun, Jan 28 2024, 9:35pm	Removed from sprint	ENG4SOSO-138 As a satellite operator, I want detailed information regarding power constraints on satellites	163		173 → 163
Sun, Jan 28 2024, 9:35pm	Removed from sprint	ENG4SOSO-30 Add Outbound Functionality into Ground Station Outbound Microservice	163 → 148		163 → 148
Sun, Jan 28 2024, 9:47pm	Sprint completed	ENG4SOSO-107 As a developer, I want to have a more readable codebase for the event-relay API microservice ENG4SOSO-117 As a developer, I want all Individual units in event relay and image management to produce the desired output ENG4SOSO-135 As an overall user of the system, I want satellite schedules to be automatically generated. ENG4SOSO-132 As a developer I want to use particle swarm optimization to produce schedules ENG4SOSO-133 As a developer, I want to ensure orders are parsed into parent and children accurately ENG4SOSO-136 As a satellite operator, I want to updates on satellite eclipses and ground station to satellite contact opportunities ENG4SOSO-120 As a developer, I want to have an automated continuous integration & continuous delivery pipeline for the system's version control actions ENG4SOSO-137 As a developer, I want to have well defined scoring functions to provide genetic algorithm optimization ENG4SOSO-139 Meeting Notes ENG4SOSO-140 Peer Review for Winter Semester 1 ENG4SOSO-129 As a developer, I want to define detailed performance metrics to evaluate the system	148		148

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