

ENG 4000: Satellite Ope...

Software project

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Projects / ENG 4000: Satellite Operations Services Optimizer / Reports

Burnup report

How to read this report

Sprint

ENG4000-SOSO 1.2

Estimation field

Story points

Date - 12 October 2023 - 26 October 2023

Sprint goal - Rafael: 30 Youseff: 20 Ruth: 20 Stanley: 20 Hashir: 20 James: 15 Walid: 10 Total: 115 Goal: Image Request, Scheduling Activities, Scheduler Algorithm, Project Management Tasks

Completed work

Number of story points completed this sprint

Guideline

Ideal burn rate

Work Scope

Number of story points to be completed this sprint

Planned end

Story points

120

90

60

30

0

Oct 15

Oct 22

Oct 29

Nov 01

Nov 08

Nov 15

Nov 22

Nov 29

Dec 01

Dec 08

Dec 15

Date

Date	Event	Issue	Completed	Scope
		ENG4SOSO-14 Design Database		
		ENG4SOSO-16 Setup Backend: Server, Directories, Files, and RabbitMQ		
		ENG4SOSO-18 Investigate server needs for NGINX vs. Kubernetes		
		ENG4SOSO-20 Satellite Calculations TLE		
		ENG4SOSO-21 Ground Stations Positional Data Calculations		
		ENG4SOSO-22 Project Charter (Non-engineering)		
		ENG4SOSO-23 Research current implementation of similar web-apps (Non-engineering)		
Thu, Oct 12 2023, 9:33pm	Sprint started	ENG4SOSO-27 Add Image Request Functionality into Image-Management Microservice	0	144
		ENG4SOSO-28 Integrate Satellite Calculations code into Scheduler Microservice		
		ENG4SOSO-30 Add Outbound Functionality into Ground Station Outbound Microservice		
		ENG4SOSO-31 Implement G.S Mock Endpoint for Image Requests		
		ENG4SOSO-32 Implement G.S. Mock Endpoint for Activity Requests		
		ENG4SOSO-33 Design and Implement Image Request Endpoint(s) in Event-Relay-API		
		ENG4SOSO-34 Design and Implement Activity Request Endpoint(s) in Event-Relay-API		
		ENG4SOSO-35 Add Activity Request Functionality into Satellite-Activity Microservice		
Fri, Oct 20 2023, 12:44pm	Issue completed	ENG4SOSO-20 Satellite Calculations TLE	0 → 10	144
Sat, Oct 21 2023, 2:59pm	Issue completed	ENG4SOSO-23 Research current implementation of similar web-apps (Non-engineering)	10 → 12	144
Sun, Oct 22 2023, 9:49pm	Issue completed	ENG4SOSO-16 Setup Backend: Server, Directories, Files, and RabbitMQ	12 → 22	144
Tue, Oct 24 2023, 1:28pm	Issue completed	ENG4SOSO-33 Design and Implement Image Request Endpoint(s) in Event-Relay-API	22 → 27	144
Tue, Oct 24 2023, 1:28pm	Issue completed	ENG4SOSO-34 Design and Implement Activity Request Endpoint(s) in Event-Relay-API	27 → 32	144
Sat, Oct 28 2023, 6:22pm	Issue completed	ENG4SOSO-21 Ground Stations Positional Data Calculations	32 → 42	144
Sun, Oct 29 2023, 7:58pm	Issue completed	ENG4SOSO-14 Design Database	42 → 57	144
Sun, Oct 29 2023, 10:30pm	Issue completed	ENG4SOSO-18 Investigate server needs for NGINX vs. Kubernetes	57 → 62	144
Sun, Oct 29 2023, 10:30pm	Removed from sprint	ENG4SOSO-27 Add Image Request Functionality into Image-Management Microservice	62	144 → 129
Sun, Oct 29 2023, 10:30pm	Removed from sprint	ENG4SOSO-28 Integrate Satellite Calculations code into Scheduler Microservice	62	129 → 119

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<div><div></div><div>ENG 4000: Satellite Ope...</div><div>Software project</div></div>	Sun, Oct 29 2023, 10:30pm	Removed from sprint	ENG4SOSO-22 Project Charter (Non-engineering)	62	104 → 103
	Sun, Oct 29 2023, 10:31pm	Removed from sprint	ENG4SOSO-35 Add Activity Request Functionality into Satellite-Activity Microservice	62	103 → 88
	Sun, Oct 29 2023, 10:31pm	Removed from sprint	ENG4SOSO-31 Implement G.S Mock Endpoint for Image Requests	62	88 → 75
	Sun, Oct 29 2023, 10:31pm	Removed from sprint	ENG4SOSO-32 Implement G.S. Mock Endpoint for Activity Requests	62	75 → 62
	Sun, Nov 05 2023, 9:22pm	Issue completed	ENG4SOSO-32 Implement G.S. Mock Endpoint for Activity Requests	62	62
Reports	Sun, Nov 05 2023, 9:25pm	Issue completed	ENG4SOSO-31 Implement G.S Mock Endpoint for Image Requests	62	62
	Sun, Nov 12 2023, 9:24pm	Issue completed	ENG4SOSO-28 Integrate Satellite Calculations code into Scheduler Microservice	62	62
Overview	Sun, Nov 19 2023, 8:21pm	Issue completed	ENG4SOSO-27 Add Image Request Functionality into Image-Management Microservice	62	62
Burnup report	Thu, Nov 23 2023, 12:10pm	Issue re-opened	ENG4SOSO-27 Add Image Request Functionality into Image-Management Microservice	62	62
Sprint burndown chart	Thu, Dec 07 2023, 11:24am	Issue completed	ENG4SOSO-27 Add Image Request Functionality into Image-Management Microservice	62	62
Velocity report			ENG4SOSO-14 Design Database		
			ENG4SOSO-16 Setup Backend: Server, Directories, Files, and RabbitMQ		
			ENG4SOSO-18 Investigate server needs for NGINX vs. Kubernetes		
Cumulative flow diagram	Fri, Dec 15 2023, 7:51am	Sprint completed	ENG4SOSO-20 Satellite Calculations TLE	62	62
			ENG4SOSO-21 Ground Stations Positional Data Calculations		
Cycle time report			ENG4SOSO-23 Research current implementation of similar web-apps (Non-engineering)		
			ENG4SOSO-33 Design and Implement Image Request Endpoint(s) in Event-Relay-API		
Deployment frequency report			ENG4SOSO-34 Design and Implement Activity Request Endpoint(s) in Event-Relay-API		