

ENG 4000: Satellite Ope...

Software project

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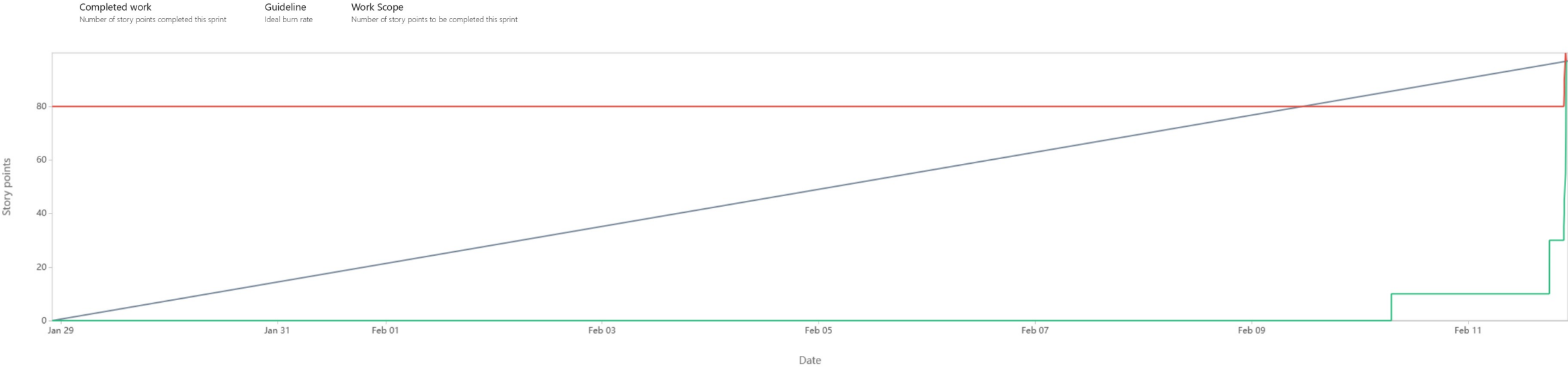
ENG4000-SOSO 1.7

Estimation field

Story points

Date - 28 January 2024 - 11 February 2024

Sprint goal - Beginning path to Beta release: - Testing. - Development of algorithms for scheduler. - Improving requirements and other parts of code.



Date	Event	Issue	Completed	Scope
Sun, Jan 28 2024, 10:06pm	Sprint started	ENG4SOSO-138 As a satellite operator, I want detailed information regarding power constraints on satellites	0	80
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-142 As a satellite operator, I want to view the health of ground station and satellite assets		
		ENG4SOSO-145 As an imaging customer, I want to send orders that have recurrences built in to be handled by the systems automated nature		
		ENG4SOSO-148 As a satellite operator, I want satellite and ground station schedules to be sent to the ground stations		
		ENG4SOSO-143 As a member of the SatOpsMQ team, I want user stories to reflect user requirements		
		ENG4SOSO-146 As a satellite operator, I want to be given hourly updates on satellite eclipses and ground station to satellite contact opportunities		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-150 Meeting Notes		
		ENG4SOSO-151 As a developer, I want full integration of the deterministic scheduling algorithm in the server side code		
Fri, Feb 02 2024, 12:25am	Added to sprint	ENG4SOSO-141 As a satellite operator I want to see data visualized so I can analyze orders and schedules	0	80
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-145 As an imaging customer, I want to send orders that have recurrences built in to be handled by the systems automated nature		
		ENG4SOSO-138 As a satellite operator, I want detailed information regarding power constraints on satellites		
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
Thu, Feb 08 2024, 3:25pm	Added to sprint	ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues	0	80
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-145 As an imaging customer, I want to send orders that have recurrences built in to be handled by the systems automated nature		
		ENG4SOSO-138 As a satellite operator, I want detailed information regarding power constraints on satellites		
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
Fri, Feb 09 2024, 5:42pm	Issue completed	ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container	0 → 10	80
		ENG4SOSO-145 As an imaging customer, I want to send orders that have recurrences built in to be handled by the systems automated nature		
		ENG4SOSO-138 As a satellite operator, I want detailed information regarding power constraints on satellites		
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
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		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
Sat, Feb 10 2024, 6:57am	Issue completed	ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container	10 → 20	80
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
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		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
Sun, Feb 11 2024, 5:59pm	Issue completed	ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container	20 → 30	80
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
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		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
Sun, Feb 11 2024, 9:12pm	Issue completed	ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container	30 → 35	80
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
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		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
Sun, Feb 11 2024, 9:13pm	Removed from sprint	ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container	35	80
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
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		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
Sun, Feb 11 2024, 9:17pm	Estimate updated	ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container	35	80
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
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		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
Sun, Feb 11 2024, 9:17pm	Estimate updated	ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container	35 → 40	80 → 85
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
		ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container		
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		ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment		
Sun, Feb 11 2024, 9:17pm	Estimate updated	ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container	40 → 45	85 → 90
		ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules		
		ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study		
		ENG4SOSO-155 As the Developer I want to keep track of bugs and Issues		
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<div>Google Cloud</div> <div>ENG 4000: Satellite Ope...</div> <div>Software project</div>		Sun, Feb 11 2024, 9:34pm	Issue completed	ENG4SOSO-151 As a developer, I want full integration of the deterministic scheduling algorithm in the server side code										45 → 55	100														
		Sun, Feb 11 2024, 9:37pm	Issue completed	ENG4SOSO-146 As a satellite operator, I want to be given hourly updates on satellite eclipses and ground station to satellite contact opportunities										55 → 65	100														
		Sun, Feb 11 2024, 9:39pm	Issue completed	ENG4SOSO-142 As a satellite operator, I want to view the health of ground station and satellite assets										65 → 70	100														
		Sun, Feb 11 2024, 9:40pm	Issue completed	ENG4SOSO-148 As a satellite operator, I want satellite and ground station schedules to be sent to the ground stations										70 → 85	100														
		Sun, Feb 11 2024, 9:42pm	Issue completed	ENG4SOSO-143 As a member of the SatOpsMQ team, I want user stories to reflect user requirements										85 → 95	100														
		Sun, Feb 11 2024, 9:43pm	Issue completed	ENG4SOSO-150 Meeting Notes										95 → 97	100														
Back to project		Sun, Feb 11 2024, 9:44pm	Removed from sprint	ENG4SOSO-141 As a satellite operator I want to see data visualized so I can analyze orders and schedules										97	100 → 97														
Reports				ENG4SOSO-138 As a satellite operator, I want detailed information regarding power constraints on satellites																									
Overview				ENG4SOSO-149 As a developer I want to use particle swarm optimization to produce schedules																									
Burnup report				ENG4SOSO-142 As a satellite operator, I want to view the health of ground station and satellite assets																									
				ENG4SOSO-145 As an imaging customer, I want to send orders that have recurrences built in to be handled by the systems automated nature																									
Sprint burndown chart				ENG4SOSO-148 As a satellite operator, I want satellite and ground station schedules to be sent to the ground stations																									
				ENG4SOSO-143 As a member of the SatOpsMQ team, I want user stories to reflect user requirements																									
Velocity report		Sun, Feb 11 2024, 9:45pm	Sprint completed	ENG4SOSO-146 As a satellite operator, I want to be given hourly updates on satellite eclipses and ground station to satellite contact opportunities										97	97														
				ENG4SOSO-144 As a developer, I want to select a hosting platform and purchase a domain based on a trade study																									
Cumulative flow diagram				ENG4SOSO-150 Meeting Notes																									
				ENG4SOSO-151 As a developer, I want full integration of the deterministic scheduling algorithm in the server side code																									
Cycle time report				ENG4SOSO-152 As a developer, I want to be able to deploy the client side module as an open source container																									
				ENG4SOSO-131 As a developer, I want to define and document a well formed testing environment																									
Deployment frequency report																													