

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	22 October 2022
Team ID	PNT2022TMID39307
Project Name	GAS LEAKAGE MONITORING & ALERTING SYSTEM
Maximum Marks	8 Marks

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

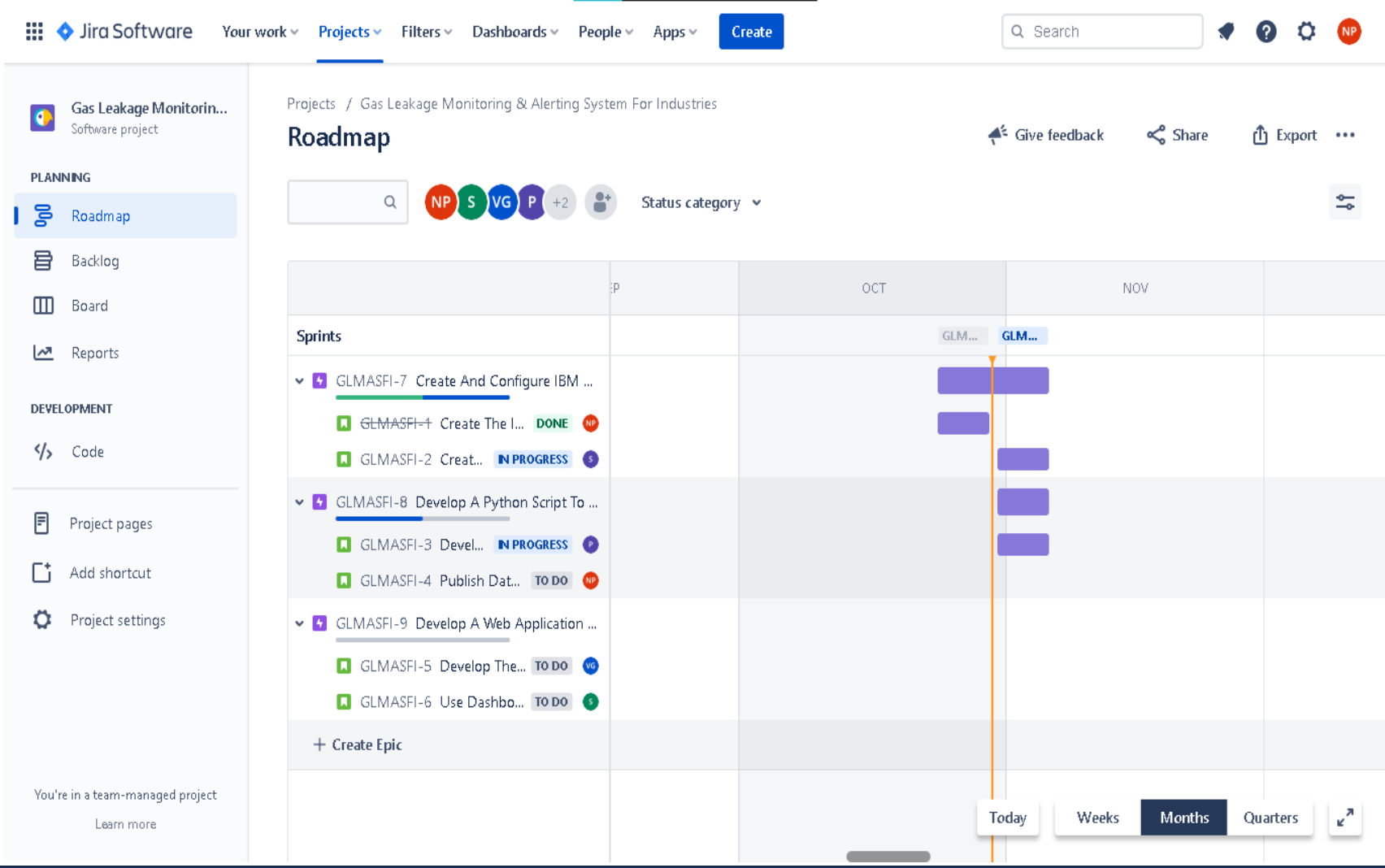
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

$$AV = \text{Sprint duration/velocity} = 20/6 = 3.33$$

Burndown Chart: A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

(This Chart is taken before development)





Gas Leakage Monitorin...
Software project



Back to project

Reports

Overview

Burnup report

Sprint burndown chart

Cumulative flow diagram

Cycle time report

Deployment frequency report

You're in a team-managed project

[Learn more](#)

Sprint burndown chart

[How to read this report](#)

Sprint

GLMASFI Sprint 1

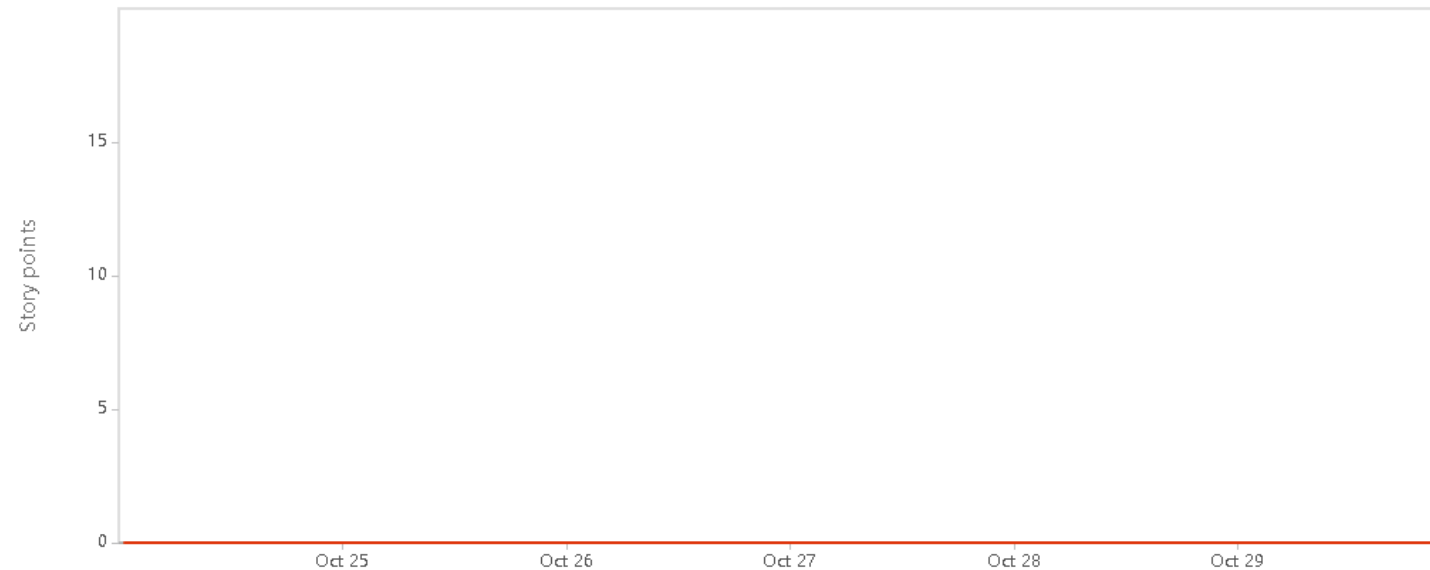
Estimation field

Story points

Date - October 24th, 2022 - October 29th, 2022

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate





Gas Leakage Monitorin...
Software project



Back to project

Reports

Overview

Burnup report

Sprint burndown chart

Velocity report

Cumulative flow diagram

Cycle time report

Deployment frequency report

You're in a team-managed project

[Learn more](#)

Projects / Gas Leakage Monitoring & Alerting System For Industries / Reports

Sprint burndown chart

[How to read this report](#)

Sprint

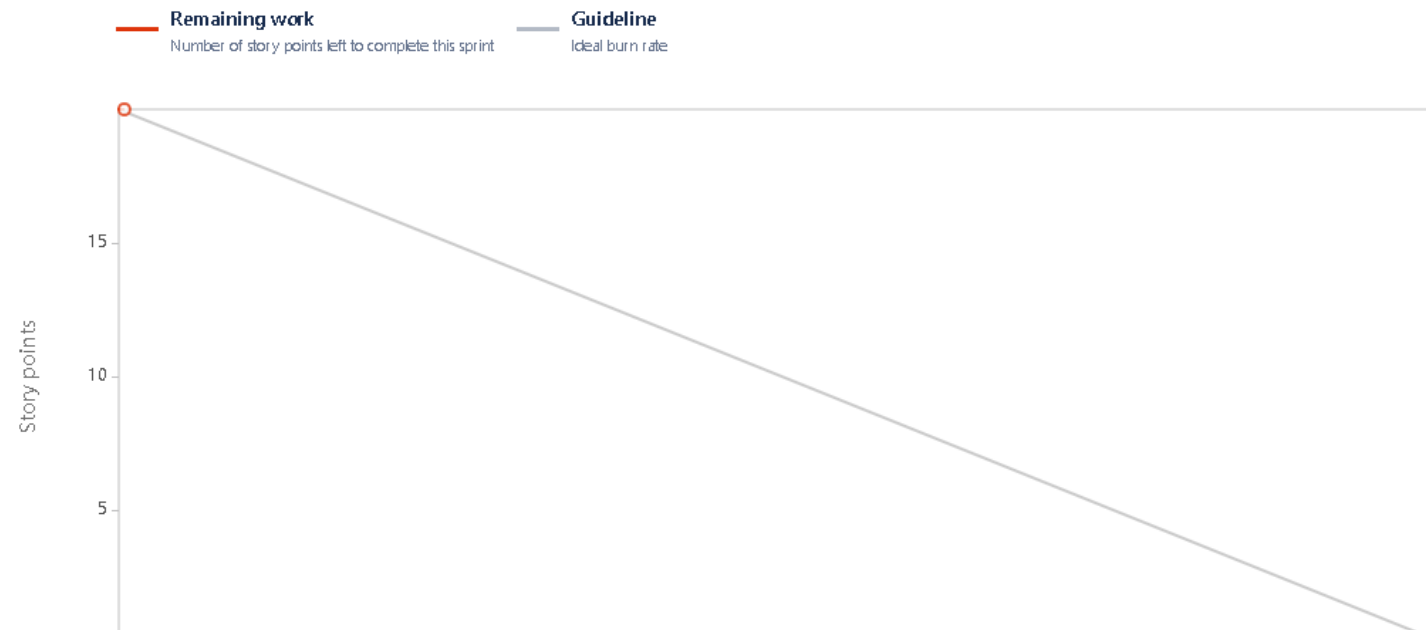
GLMASFI Sprint 2 ▾

Estimation field

Story points ▾



Date - October 31st, 2022 - November 5th, 2022





Gas Leakage Monitorin...
Software project



Back to project

Reports

Overview

Burnup report

Sprint burndown chart

Velocity report

Cumulative flow diagram

Cycle time report

Deployment frequency report

You're in a team-managed project

[Learn more](#)

Projects / Gas Leakage Monitoring & Alerting System For Industries / Reports

Sprint burndown chart

[How to read this report](#)

Sprint

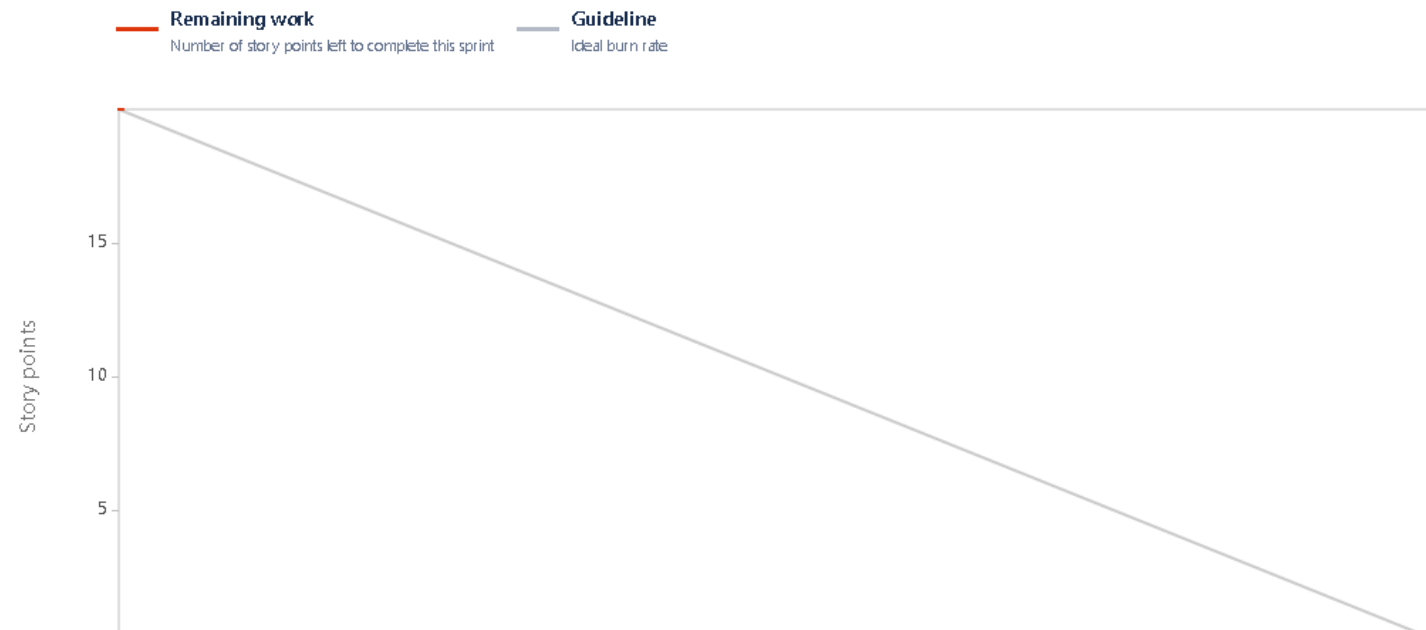
GLMASFI Sprint 3

Estimation field

Story points



Date - November 7th, 2022 - November 12th, 2022





Gas Leakage Monitorin...
Software project



Back to project

Reports

Overview

Burnup report

Sprint burndown chart

Velocity report

Cumulative flow diagram

Cycle time report

Deployment frequency report

You're in a team-managed project

[Learn more](#)

Projects / Gas Leakage Monitoring & Alerting System For Industries / Reports

Sprint burndown chart

[How to read this report](#)

Sprint

GLMASFI Sprint 4 ▾

Estimation field

Story points ▾



Date - November 14th, 2022 - November 18th, 2022

