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

Date	9 November 2022
Team ID	PNT2022TMID47713
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

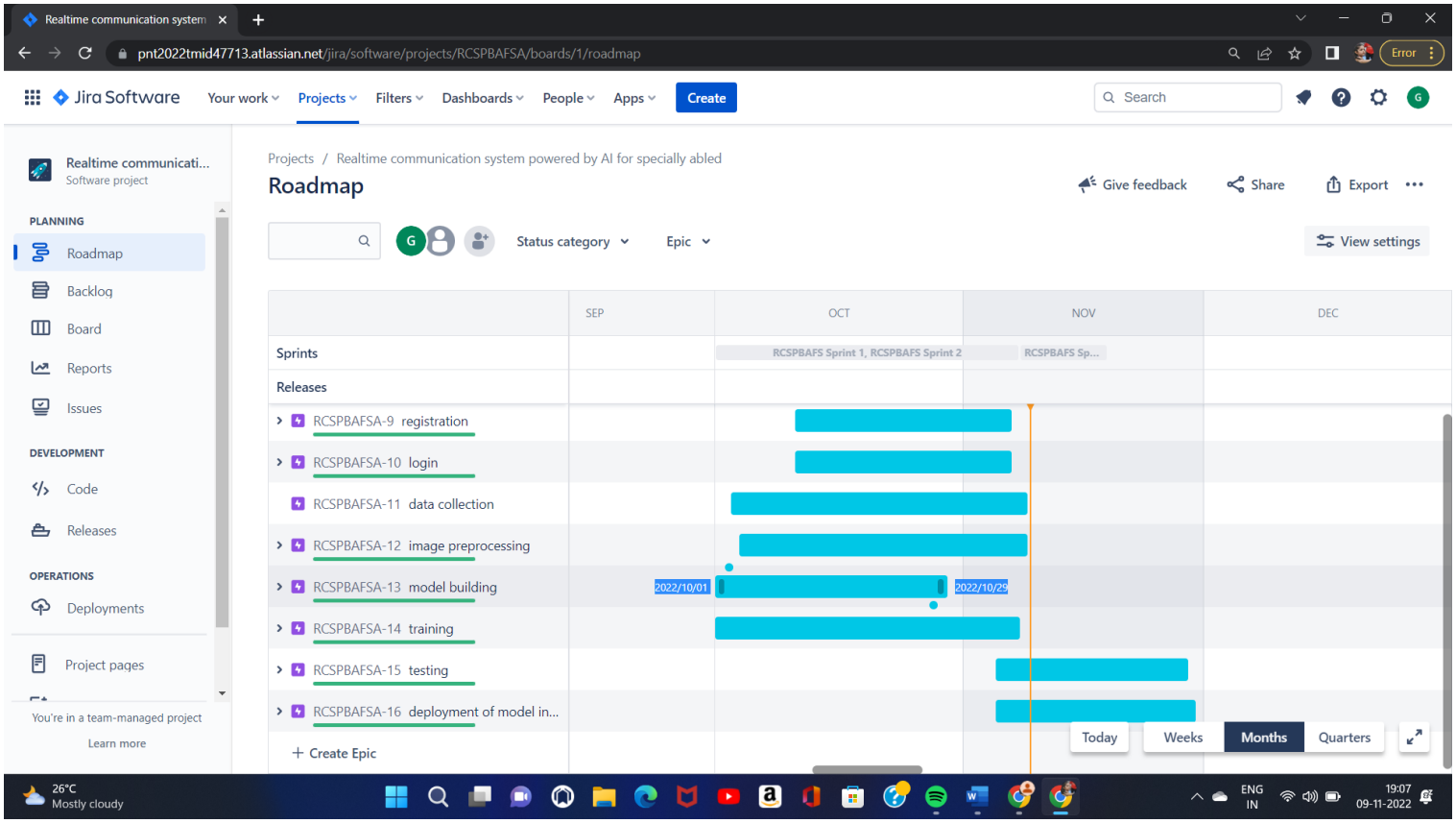
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	**5**	High	Gayathri A Dharshika B Snekha R Siti samina A
	Login	USN-2	As a user, I can log into the application by entering email & password	**5**	High	Gayathri A Dharshika B Snekha R Siti samina A
	Data Collection	USN-3	Collecting Dataset	5	High	Gayathri A Dharshika B Snekha R Siti samina A

	Image preprocessing	USN-4	Perform preprocessing techniques on the dataset	5	High	Gayathri A Dharshika B Snekha R Siti samina A
Sprint-2	Model Building	USN-5	Model initialization with required layers	5	High	Gayathri A Dharshika B Snekha R Siti samina A
	Training	USN-6	Training the image classification model using CNN	5	Medium	Gayathri A Dharshika B Snekha R Siti samina A
Sprint-3	Testing	USN-7	Testing the model's performance	10	High	Gayathri A Dharshika B Snekha R Siti samina A

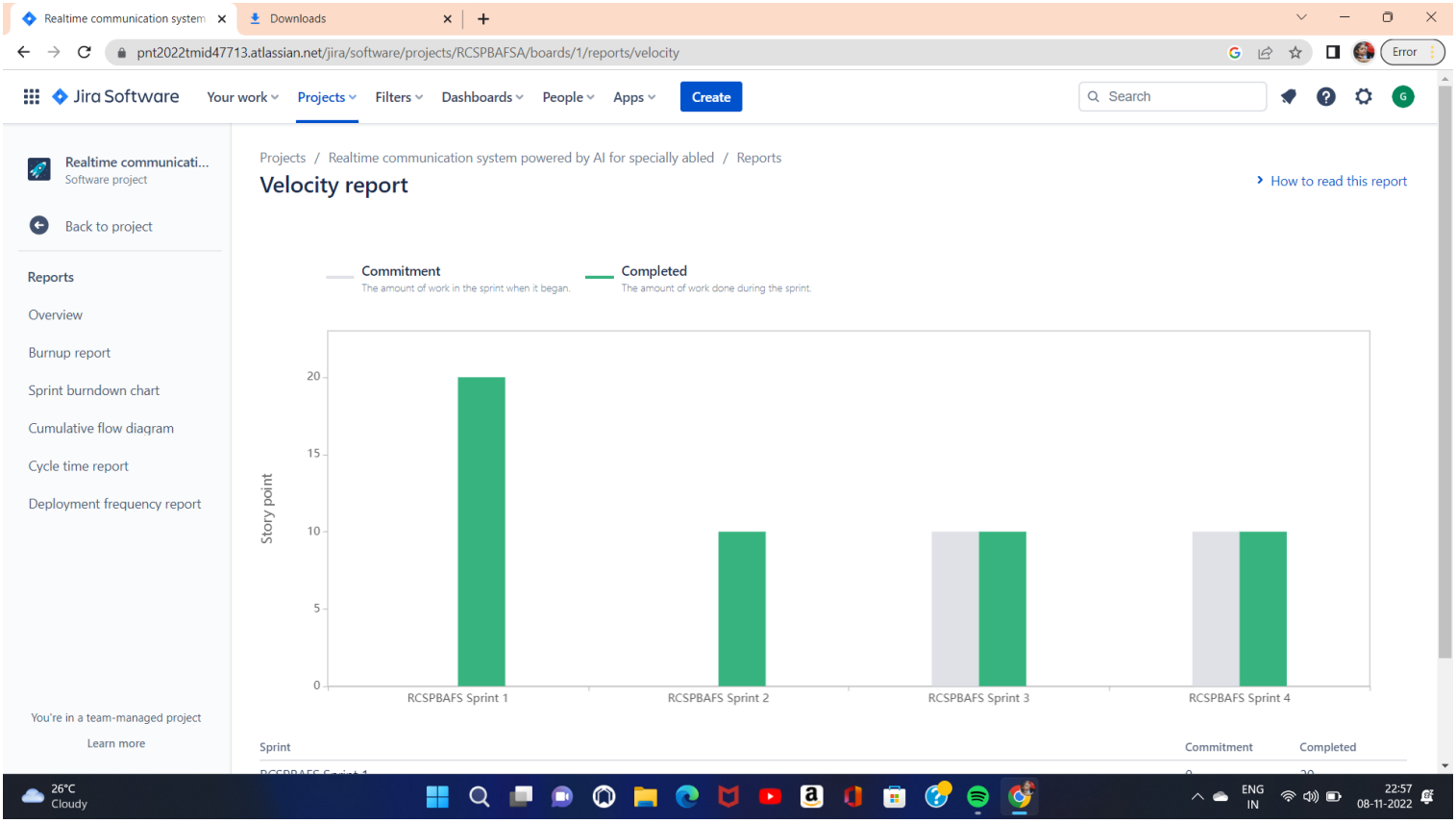
Sprint-4	Deployment of model in web/app	USN-8	Converting text to speech API	10	Medium	Gayathri A Dharshika B Snekha R Siti samina A

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

ROADMAP



Velocity chart



Project tracker

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	10	7 Days	24 Oct 2022	31 Oct 2022	10	29 Oct 2022
Sprint-2	10	7 Days	01 Oct 2022	07 Nov 2022	10	05 Nov 2022
Sprint-3	10	7 Days	08 Nov 2022	14 Nov 2022	10	12 Nov 2022
Sprint-4	10	7 Days	15 Nov 2022	21 Nov 2022	10	19 Nov 2022
Sprint-5	10	7 Days	22 Nov 2022	28 Nov 2022	10	25 Nov 2022

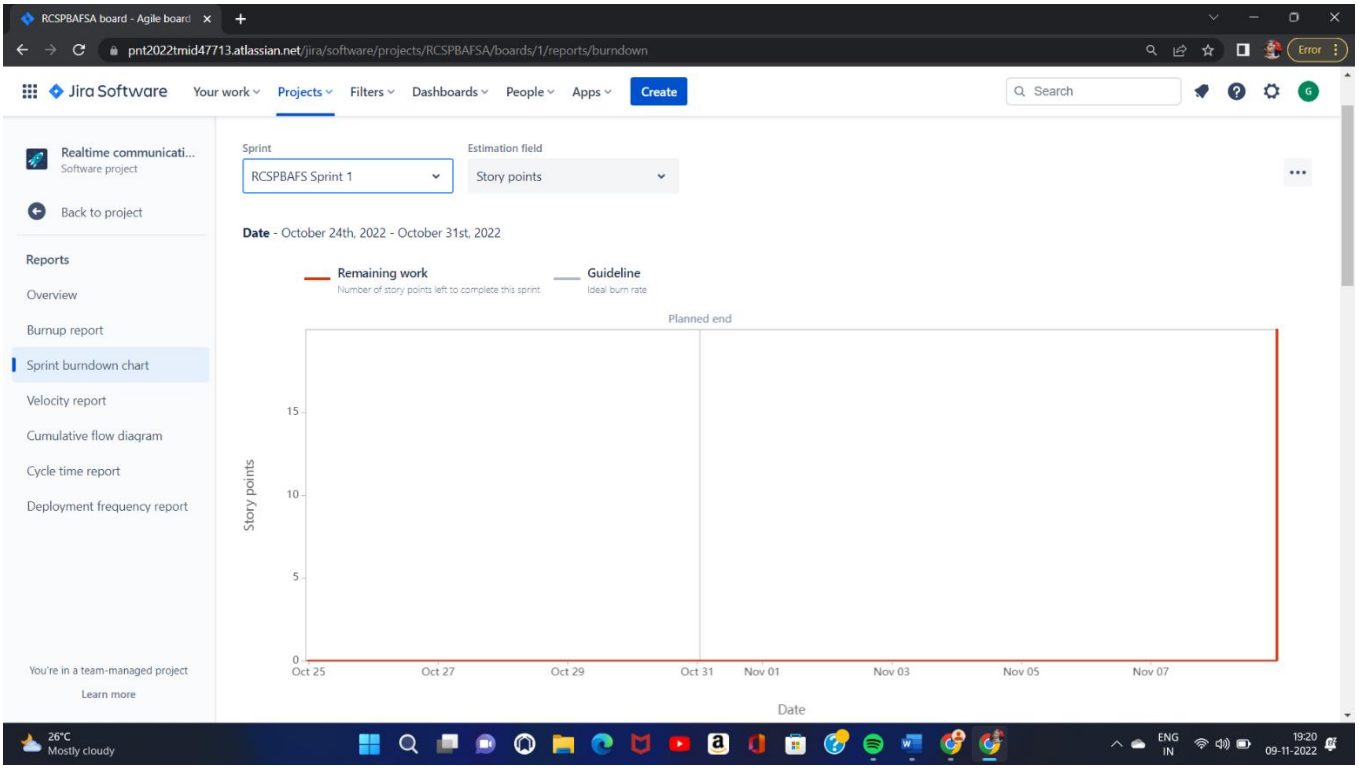
Velocity:

$$AV = \frac{sprint\ duration}{velocity}$$

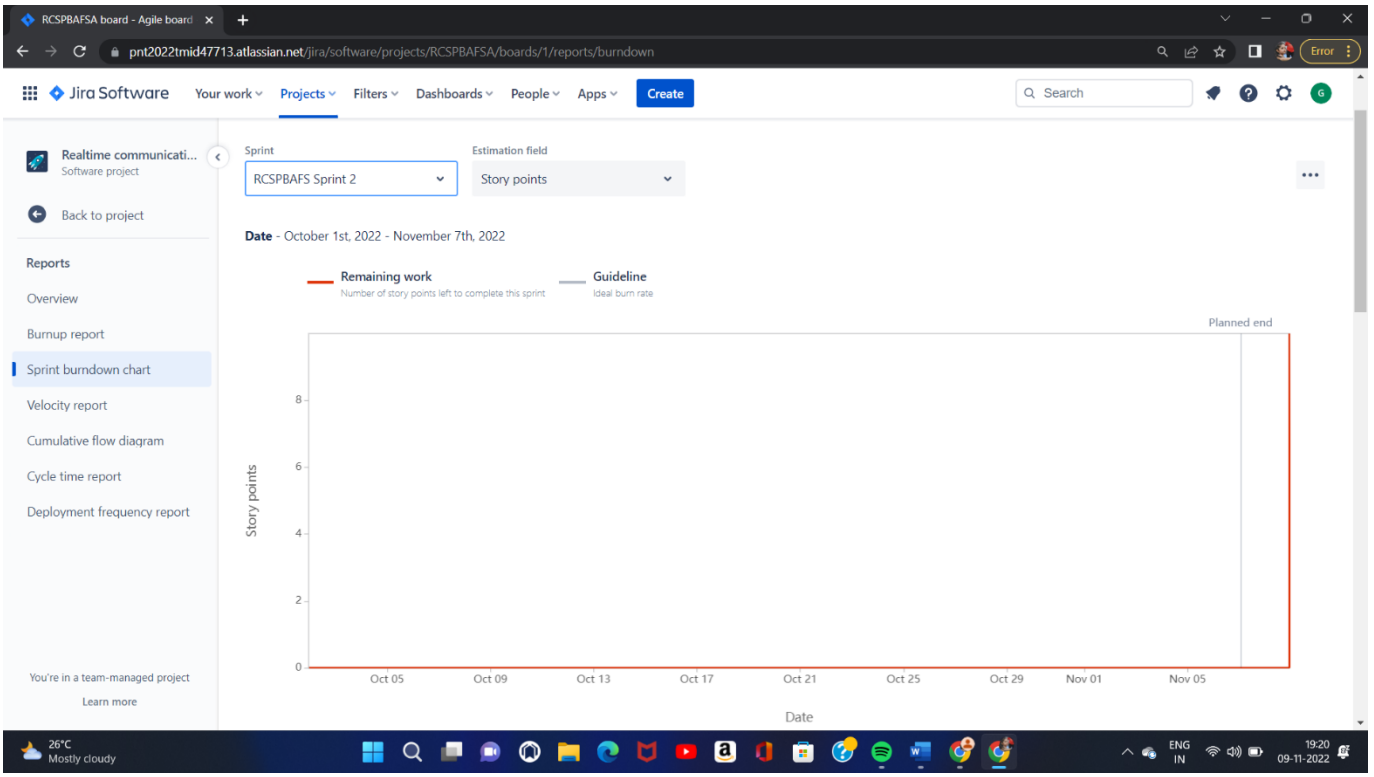
Average Velocity = 7/10 = 0.7

Burndown Chart:

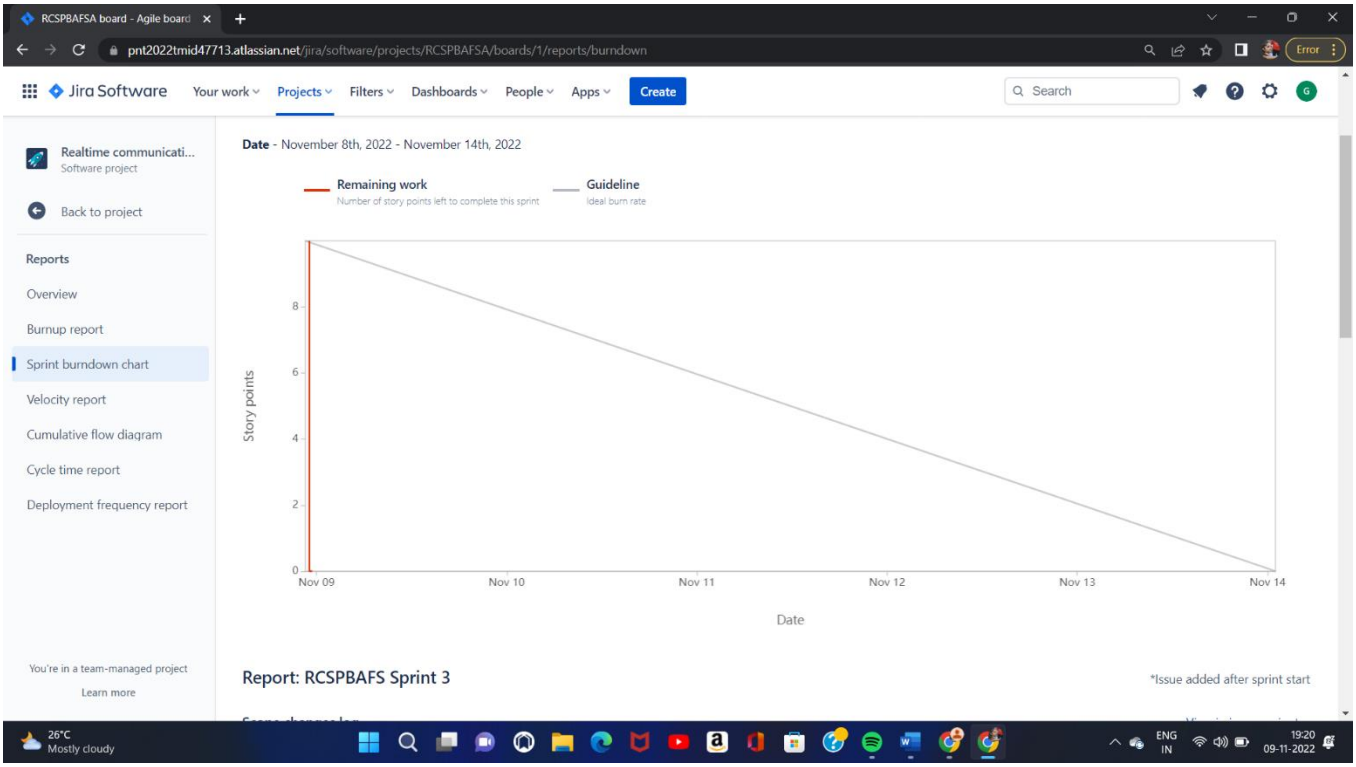
SPRINT 1



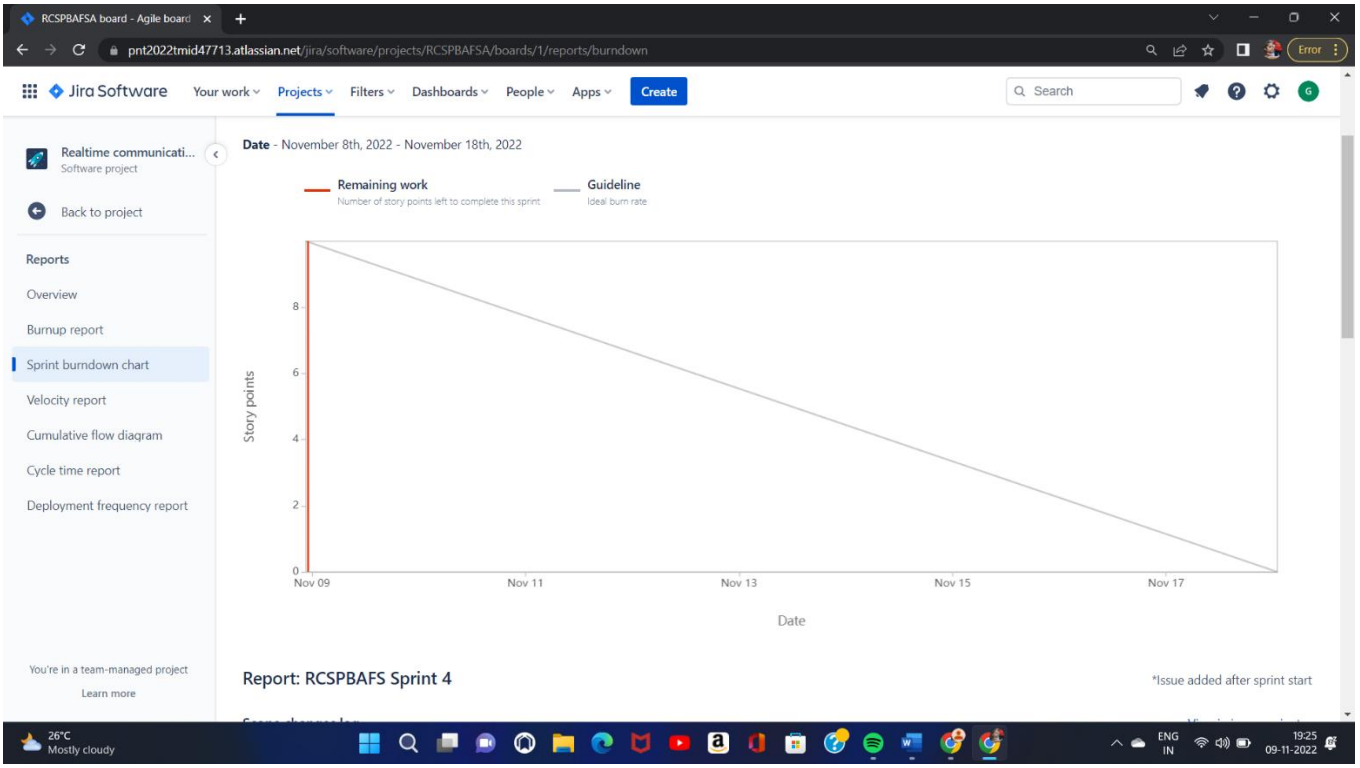
SPRINT 2



SPRINT 3



SPRINT 4


RCSPBAFSA board - Agile board
pnt2022tmid47713.atlassian.net/jira/software/projects/RCSPBAFSA/boards/1/reports/burndown
Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
Realtime communicati...
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
Date - November 8th, 2022 - November 18th, 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Story points
0
2
4
6
8
Nov 09
Nov 11
Nov 13
Nov 15
Nov 17
Date
Report: RCSPBAFS Sprint 4
*Issue added after sprint start
26°C
Mostly cloudy
ENG
IN
19:25
09-11-2022