

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID01694
Project Name	Personal Assistance for Seniors Who Are Self-Reliant
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	Notification Pop-up screen	USN-1	As a user, He/She want to take Medicines on time and monitor his/her health	3	High	G Dharani
Sprint- 2	Text to Speech	USN-2	As a user, He/She want to take his/her tabletson time by voice command	2	Medium	S S Aarthi
Sprint- 3	Dashboard	USN-3	As a user, the patient needs to take medicineson time and monitoring the activity	2	Medium	M DiviyaSreetha
Sprint- 4	Data Storage	USN-4	As a user, the patient medicine time and prescription should load in database for upcoming week	1	Low	K S Dharshini

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Caretaker	USN-1	As a User , He/She want to take Medicines on time and monitor his/her health.	2	High	G.Dharani S.S.Aarthi M DiviyaSreetha
Sprint-2	Smart Medicine Box	USN-2	As a User , He/She want to take his/her tablets on time by voice command.	2	High	G.Dharani S.S.Aarthi M.DiviyaSreetha
Sprint-3	Caretaker	USN-3	As a User , the patient needs totake medicines on time and monitor the activity.	2	Medium	G.Dharani S.S.Aarthi
Sprint-4	Caretaker	USN-4	As a User , Elders medicine timeand prescription should load in the database for the upcoming week.	2	Low	G.Dharani S.S.Aarthi K.S.Dharshini
Sprint-5	Smart Medicine Box	USN-5	As a User , He/She need to take his/her medicine in nearby places with light notification.	2	Medium	K.S.Dharshini M.DiviyaSreetha

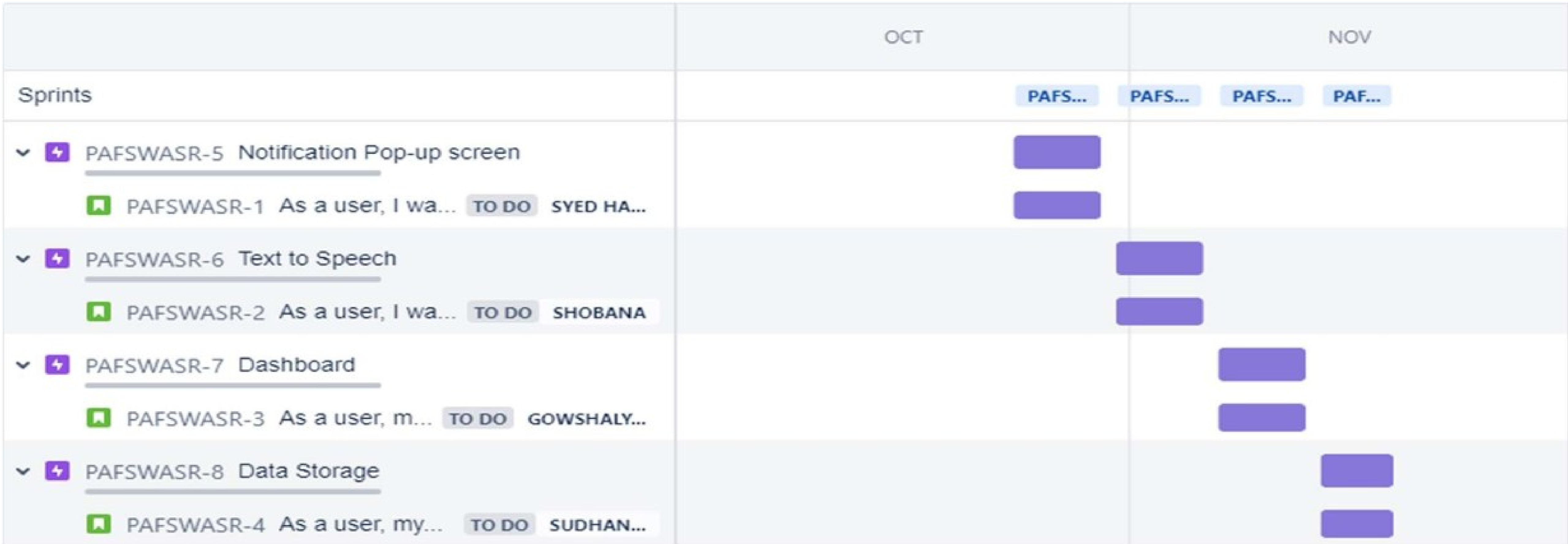
Project Tracker, Velocity & Burndown Chart : (4 Marks)

Sprint	Total StoryPoints	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	26 Oct 2022	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	6 Days	02 Nov 2022	07 Nov 2022	20	07 Nov 2022
Sprint-3	20	6 Days	09 Nov 2022	14 Nov 2022	20	14 Nov 2022
Sprint-4	20	6 Days	16 Nov 2022	21 Nov 2022	20	21 Nov 2022

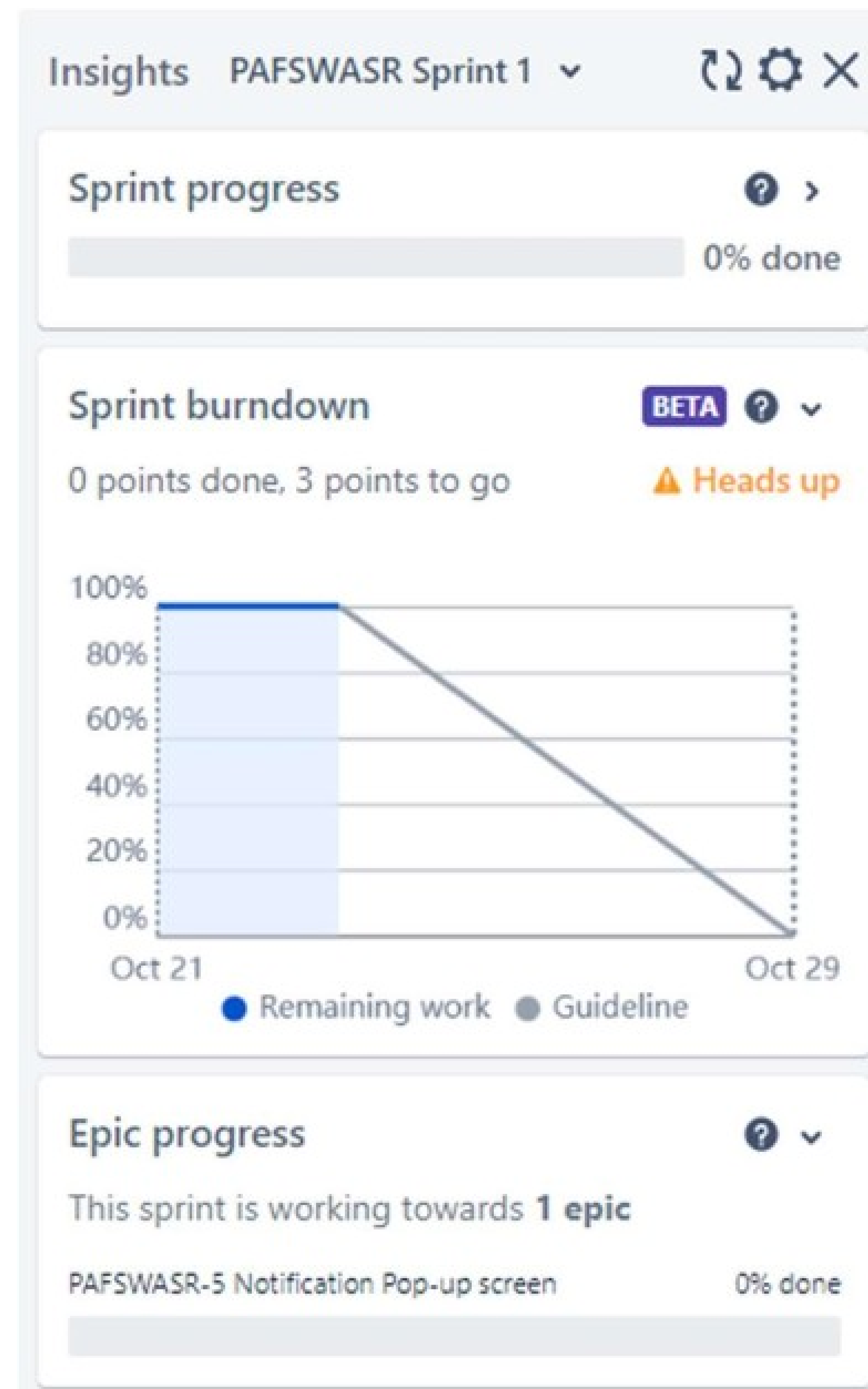
Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity(AV) per iteration unit (story points per day)

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

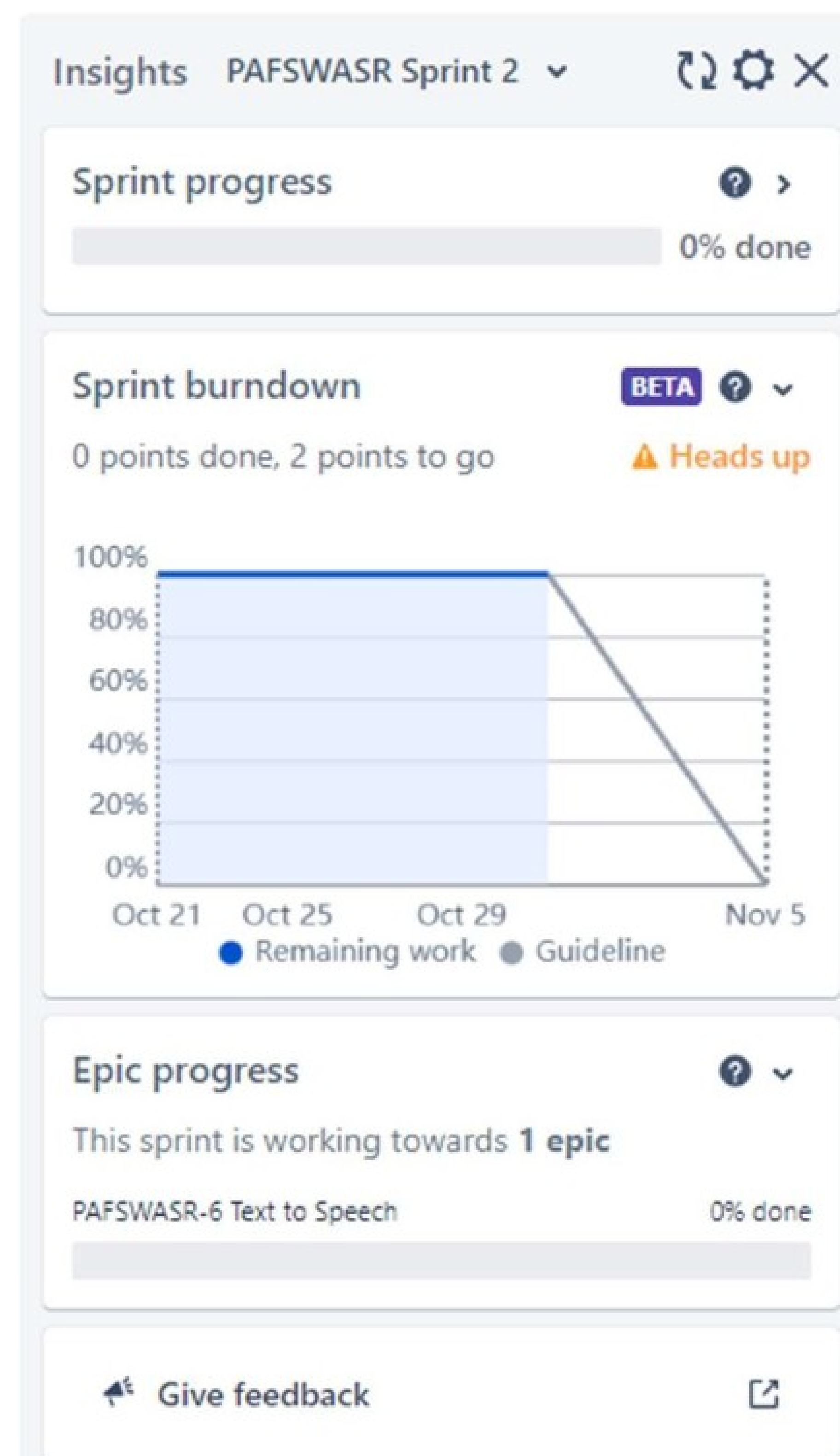
Roadmap :



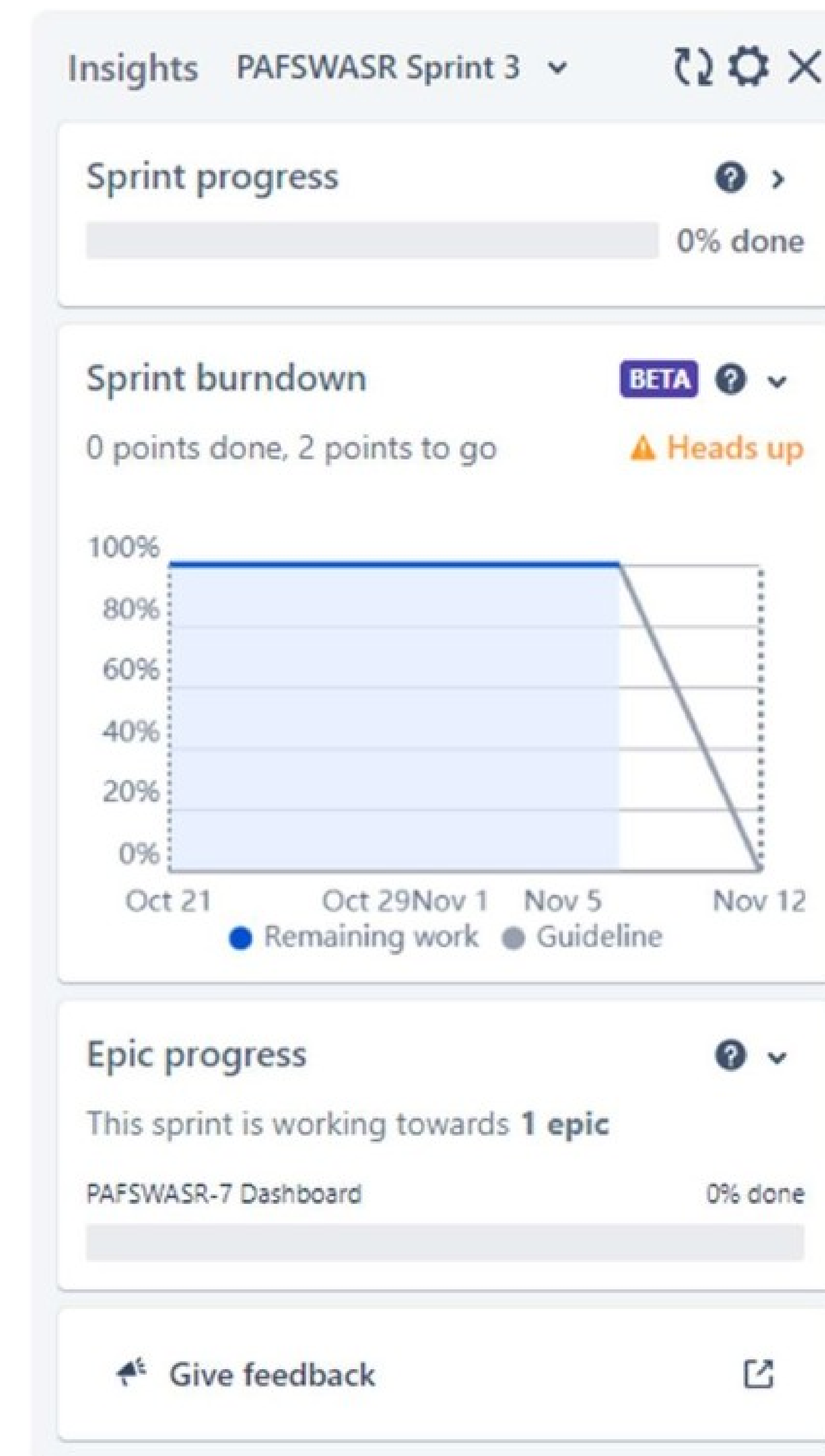
Burndown Chart :



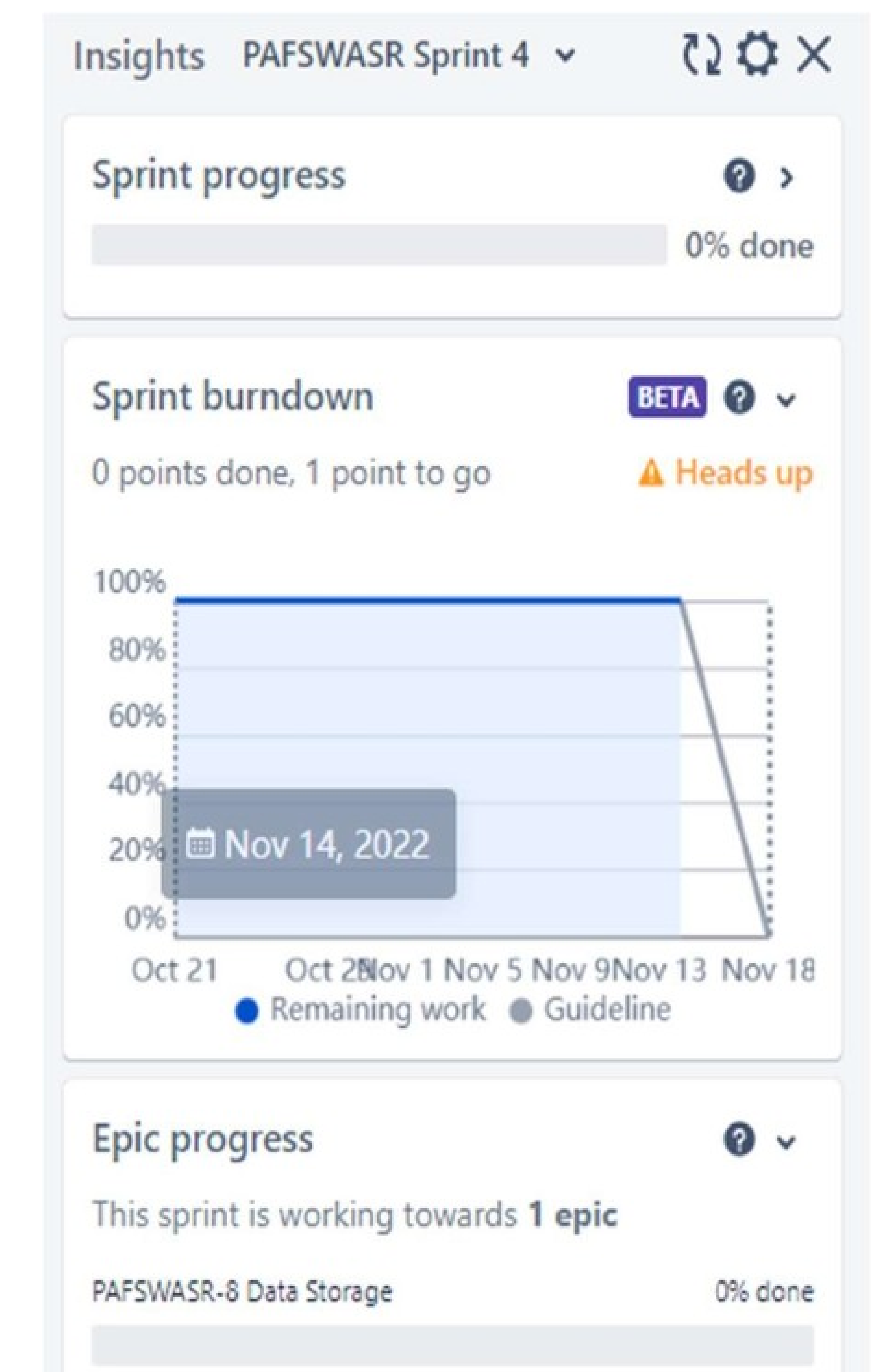
Sprint 1
G Dharani



Sprint 2
S S Aarthi



Sprint 3
M DivyaSreetha



Sprint 4
K S Dharshini