

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

Date	05 November 2022
Team ID	PNT2022TMID21568
Project Name	Personal Assistance for Seniors Who Are Self Reliant
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	IBM Watson IOTplatform	USN-1	Creating devices and board and generating data	1	medium	Subalakshmi Pavithra Abirammi Deepthika
Sprint-2	Storing Data usingnode-red	USN-2	Storing the data in IBM Cloudant DB throughnode-red functions	2	High	Subalakshmi Pavithra Abirammi Deepthika
Sprint-3	IoT device/ Microcontrol lerBoard	USN-4	The board connect with the cloud and retrieve theinformation and remain the peoples	2	Low	Subalakshmi Pavithra Abirammi Deepthika
Sprint-4	Reminder (TTS)	USN-5	Getting the speech reminder to users to take thetablet	1	High	Subalakshmi Pavithra Abirammi Deepthika

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

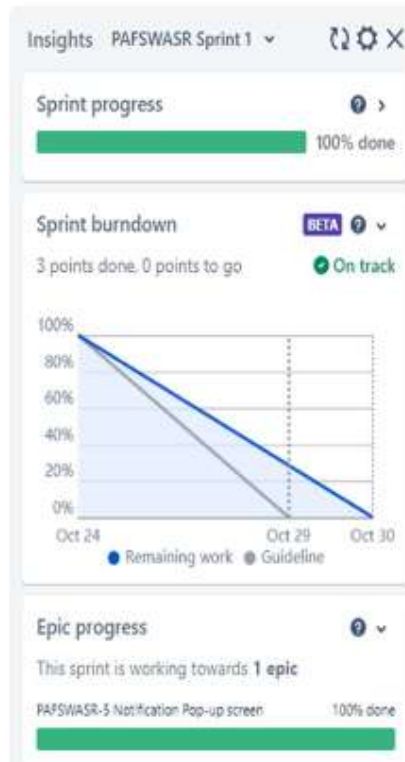
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	20	6 Days	30 Oct 2022	4 Nov 2022	20	3 Nov 2022
Sprint-2	20	6 Days	5 Nov 2022	10 Nov 2022	20	9 Nov 2022
Sprint-3	20	6 Days	10 Nov 2022	15 Nov 2022	20	14 Nov 2022
Sprint-4	20	6 Days	16 Nov 2022	21 Nov 2022	20	20 Nov 2022

Velocity:

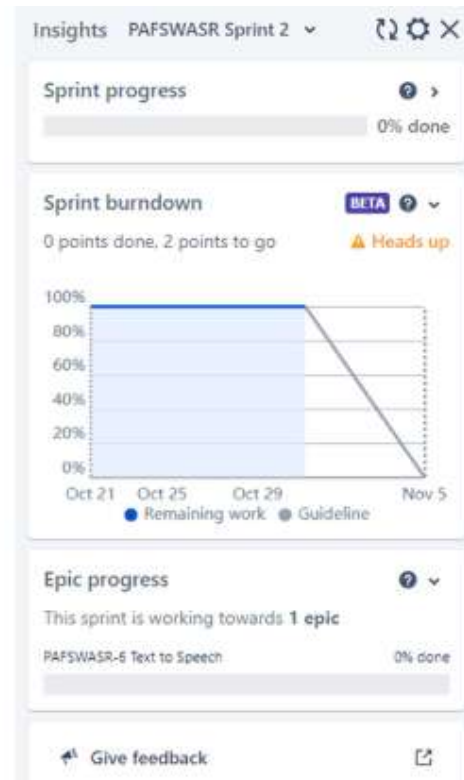
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let us calculate the team's average velocity (AV) per iteration unit(story points per day)

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

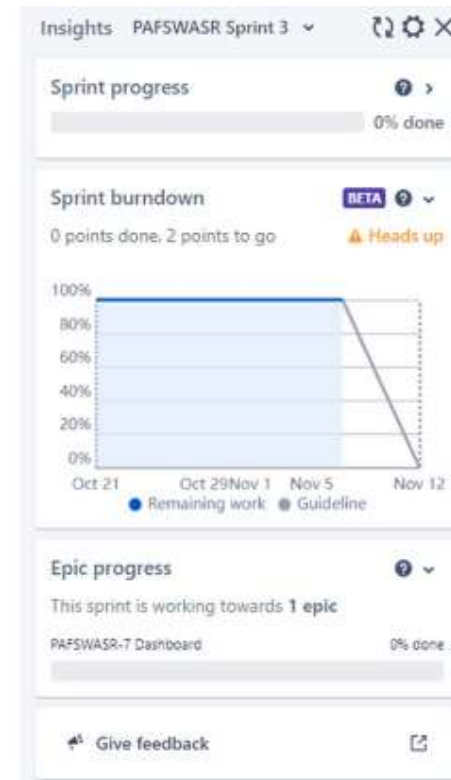
Burndown Chart:



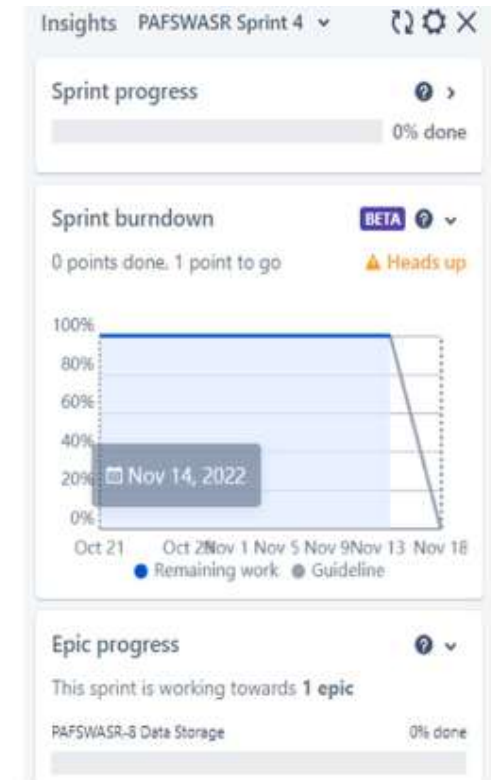
Sprint-1
Subalakshmi



Sprint-2
Pavithra



Sprint-3
Abirammi



Sprint-4
Deepthika