

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

Date	15 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	Create and Configure	USN-1	Create IBM Watson IOT platform device and configure IBM-IOT platform.	4	High	Subalakshmi C Pavithra M Abirammi S Deepthika S
Sprint-2	Create and store the data in node-red	USN-2	Create Node Red service, Text to speech service and a database in cloudant DB to store the medicine details.	4	High	Subalakshmi C Pavithra M Abirammi S Deepthika S
Sprint-3	Develop a web application	USN-3	Develop a web application using Node Red service and also create a form.	4	High	Subalakshmi C Pavithra M Abirammi S Deepthika S
Sprint-4	Write a function code and develop a python script	USN-4	Write a function to compare the medicine time and develop a python script for IBM IOT platform and generate voice alert.	4	High	Subalakshmi C Pavithra M Abirammi S Deepthika S

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

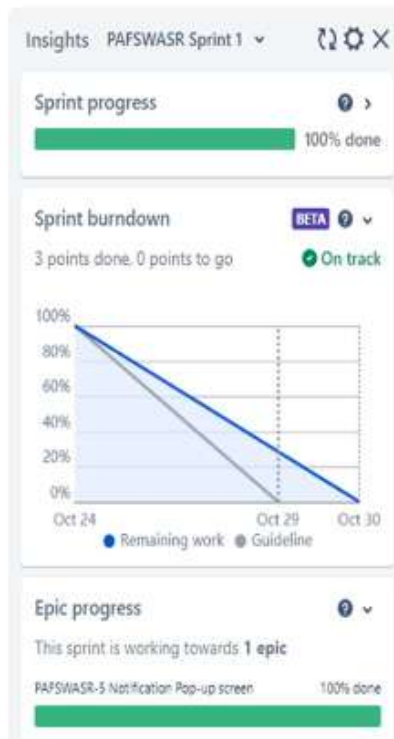
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	20	6 Days	30 Oct 2022	5 Nov 2022	20	4 Nov 2022
Sprint-2	20	6 Days	5 Nov 2022	10 Nov 2022	20	9 Nov 2022
Sprint-3	20	6 Days	10 Nov 2022	15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

Velocity:

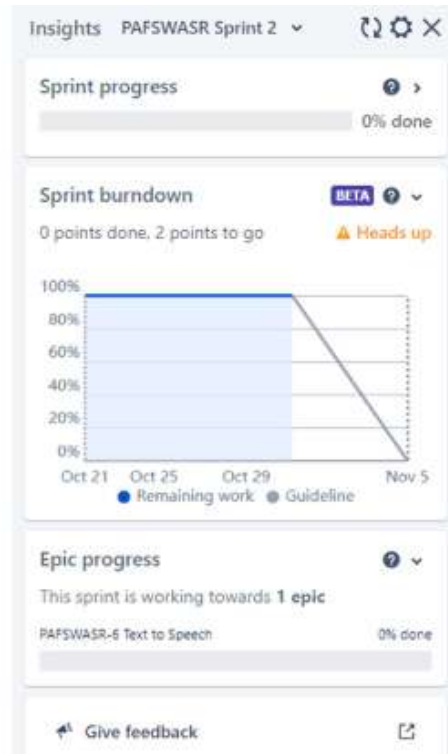
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let us calculate the team's average velocity (AV) per iteration unit(story points per day)

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

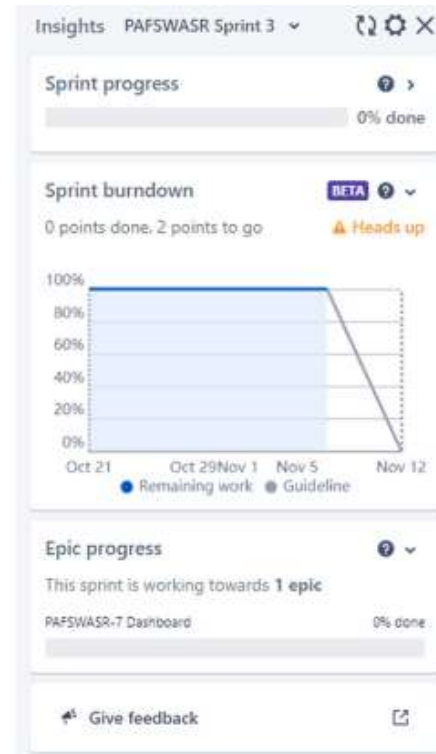
Burndown Chart:



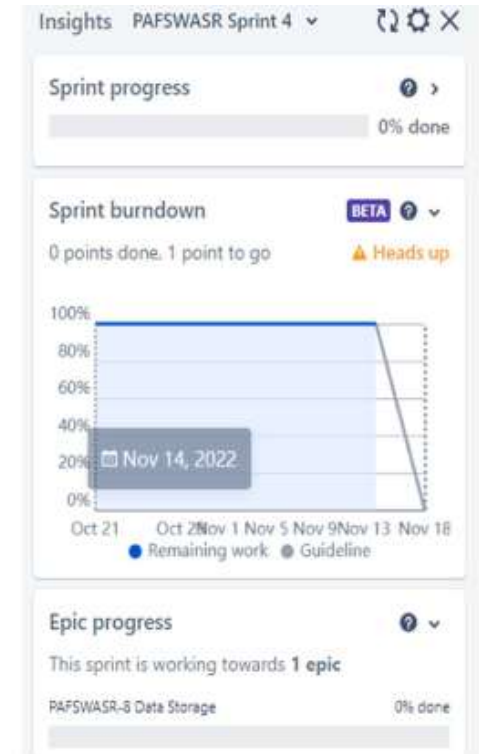
Sprint-1
Subalakshmi



Sprint-2
Pavithra



Sprint-3
Abirammi



Sprint-4
Deepthika

Road Map:

