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

Team ID	PNT2022TMID13089
Project Name	Personal Assistance for Seniors Who are Self-Reliant

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 IOT platform	USN-1	Creating devices and board and generating data	1	Medium	Ashok Kumar G Balaji S V Rajesh Kumar M Vishnu R
Sprint-2	Storing Data using node-red	USN-2	Storing the data in IBM Cloudant DB through node-red functions	2	High	Ashok Kumar G Balaji S V Rajesh Kumar M Vishnu R
Sprint-3	IOT device/ Micro controller Board	USN-4	The board connect with the cloud and retrieve the information and remain thepeoples	2	Low	Ashok Kumar G Balaji S V Rajesh Kumar M Vishnu R
Sprint-4	Reminder (TTS)	USN-5	Getting the speech reminder to users to take their tablet	1	High	Ashok Kumar G Balaji S V Rajesh Kumar M Vishnu R

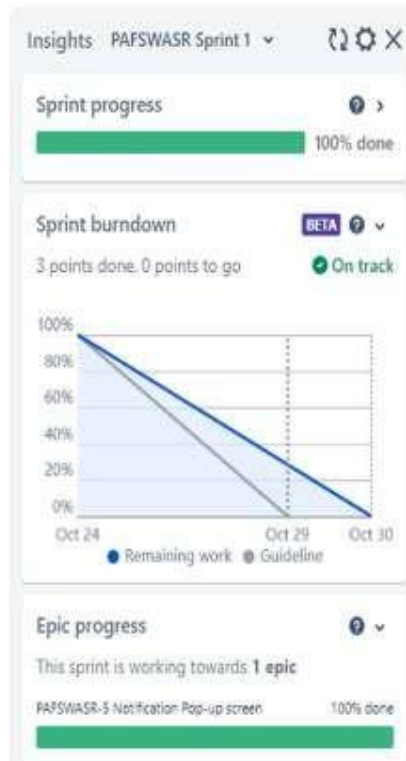**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

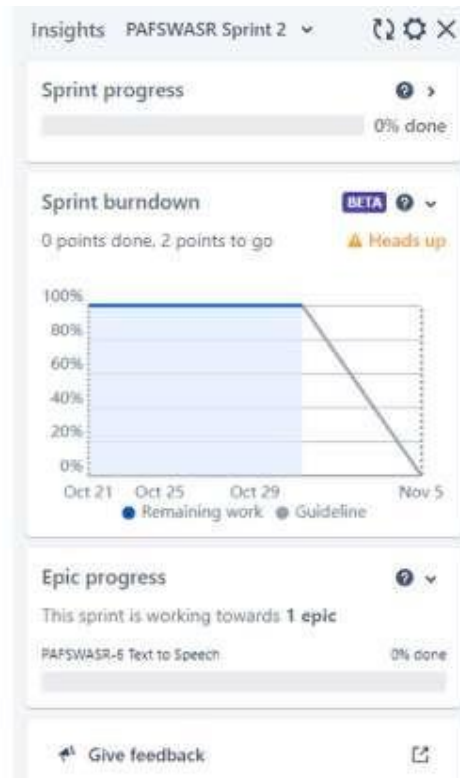| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	20	6 Days	30 Oct 2022	4 Nov 2022	20	3 Nov 2022
Sprint-2	20	6 Days	5 Nov 2022	10 Nov 2022	20	9 Nov 2022
Sprint-3	20	6 Days	10 Nov 2022	15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

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

Burndown Chart:
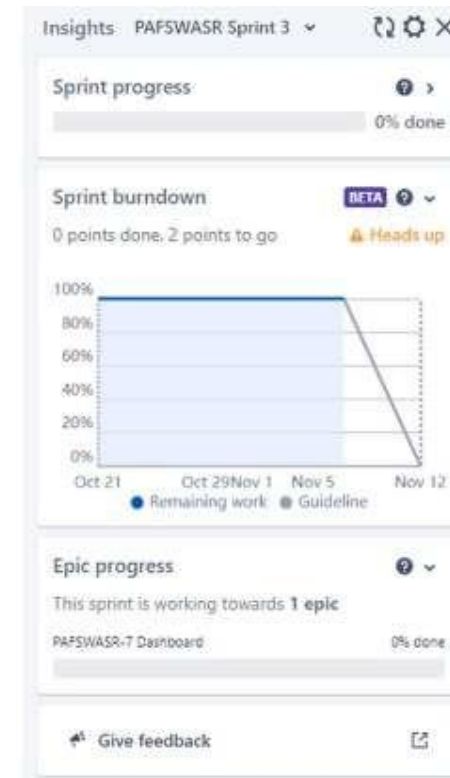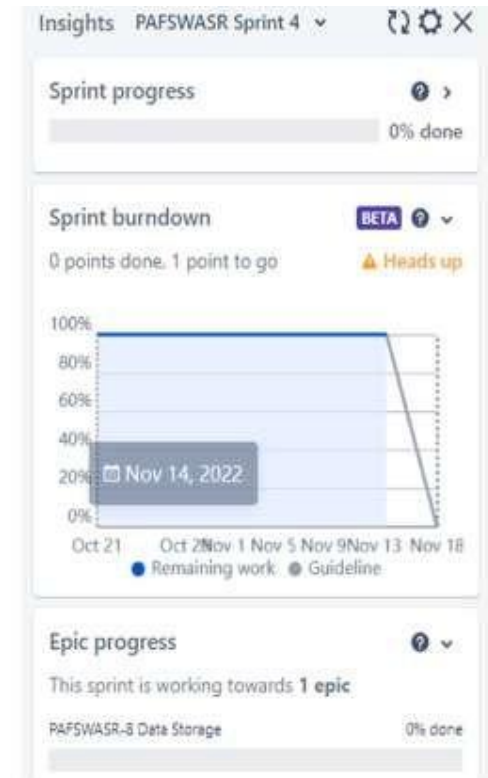

Sprint-1	Sprint-2	Sprint-3	Sprint-4
Ashok Kumar G	Balaji S V	Rajesh Kumar M	Vishnu R