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

Date	18 October 2022
Team ID	PNT2022TMID30256
Project Name	Smart waste management system for metropolitan cities
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	IoT Platform	USN-1	Creating random data for bin values in IoT Watson platform	20	High	Abirami N T
Sprint-2	Node-red	USN-2	Connecting IoT Watson to node-red and giving connections to create a dashboard	20	High	Jayasindhu P
Sprint-3	Web application	USN-3	Creating a web Application using MITapp inventor	20	High	Elakkiya M K
Sprint-4	Final output	USN-4	Connecting all connections and getting final result	20	Medium	Preethi K S

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

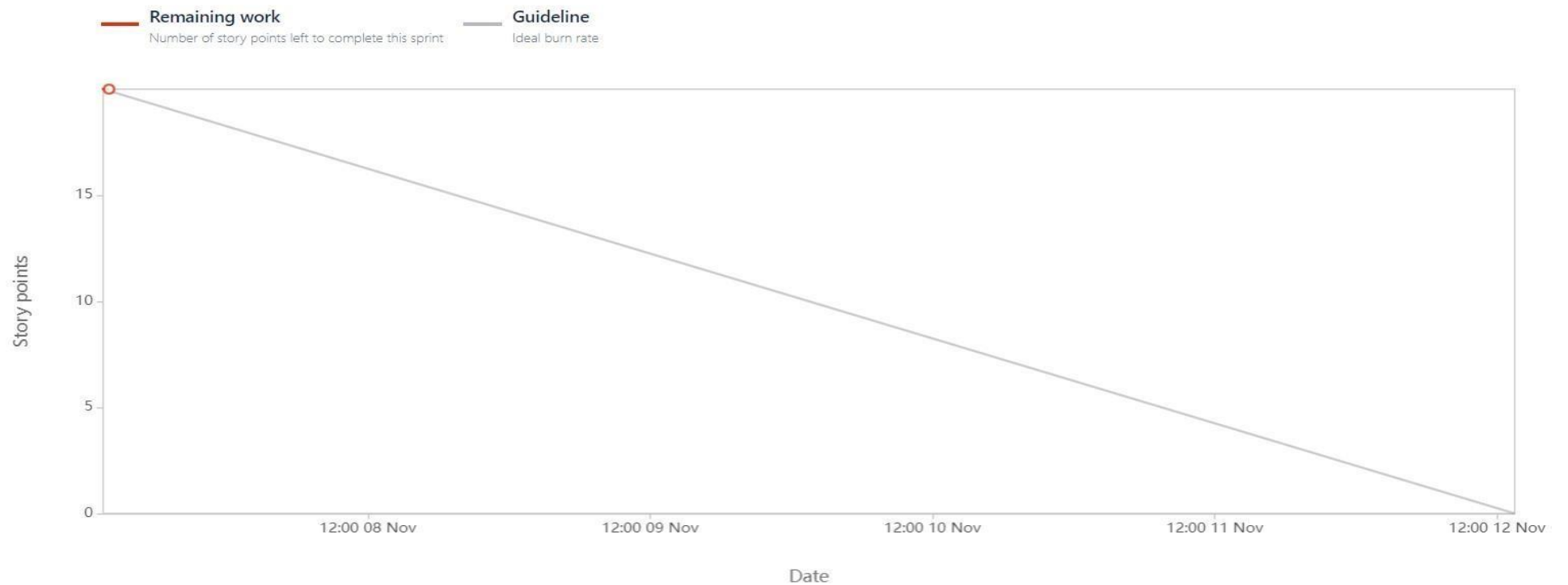| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022		29 Oct 2022
Sprint-2	20	6 Days	30 Oct 2022	5 Nov 2022		5 Nov 2022
Sprint-3	20	6 Days	6 Nov 2022	11 Nov 2022		11 Nov 2022
Sprint-4	20	6 Days	11 Nov 2022	16 Nov 2022		16 Nov 2022

VELOCITY:

Average velocity for Sprint:

AV=20/6=3.3

Burndown Chart:

Date - October 24th, 2022 - October 29th, 2022

Roadmap:

Roadmap

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⚏ View settings

	EP	OCT	NOV	DEC
Sprints		SMAR Sprint 1, SMAR Sprint 2, SMAR Sprint 3, SMAR Sp...		
❯ ⚡ SMAR-2 Sensors				
❯ ⚡ SMAR-4 Arduino UNO				
❯ ⚡ SMAR-6 IoT Platform				
⚡ SMAR-8 Wifi Module				
＋ Create Epic				