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 (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	Sensors	USN-1	Used for the measurement of height of the waste in the bin.	20	High	Abirami N T
Sprint-2	Arduino UNO	USN-2	Used to connect the sensors and platform via coding	20	High	Jayasindhu P
Sprint-3	IoT platform	USN-3	Used to collect the data of bins	20	High	Elakkiya M K
Sprint-4	Wifi module	USN-4	Used to transfer information	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	31 Oct 2022	05 Nov 2022		05 Nov 2022

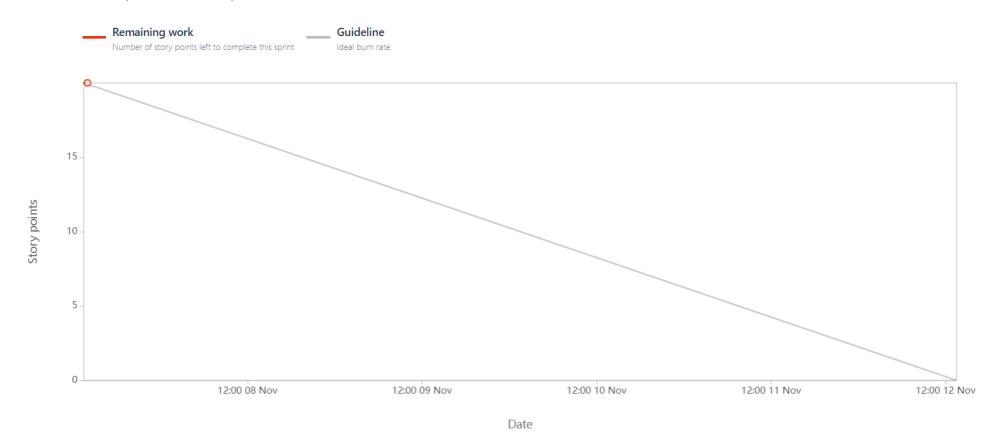| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		19 Nov 2022

Velocity:

Average velocity for Sprint :

AV= 20/6=3.3

Burndown Chart:

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

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate

Story points

15

10

5

0

12:00 08 Nov   12:00 09 Nov   12:00 10 Nov   12:00 11 Nov   12:00 12 Nov

Date

Roadmap:

Roadmap

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	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			▇		
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