

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID11760
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)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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

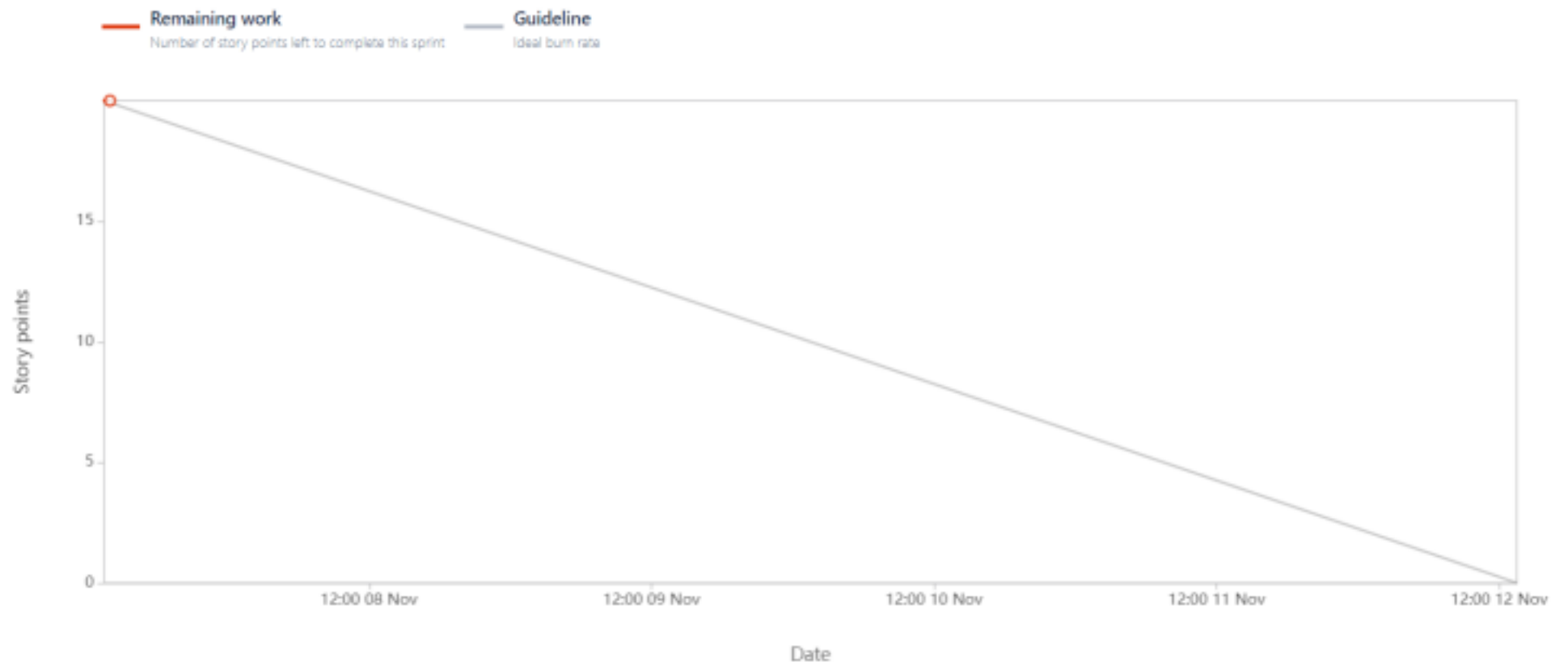
**Velocity:**

**Average velocity for Sprint :**

**AV= 20/6=3.3**

## Burndown Chart:

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



## Roadmap:

