

## Project Planning Phase

<b>Date</b>	26.10.2022
<b>TeamID</b>	PNT2022TMID39728
<b>ProjectName</b>	Efficient Water Quality Analysis And Prediction Using Machine Learning

### Sprint delivery Plan :

<b>Sprint</b>	<b>Total Story Point</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Point Completed (as on planned end date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint - 1	20	4 Days	24 Oct 2022	27 Oct 2022	20	27 Oct 2022
Sprint - 2	20	6 Days	29 Oct 2022	03 Nov 2022	20	03 Nov 2022
Sprint – 3	20	6 Days	04 Nov 2022	09 Nov 2022	20	09 Nov 2022
Sprint - 4	20	8 Days	10 Nov 2022	18 Nov 2022	20	18 Nov 2022

### Velocity:

Imagine we have a 10 day sprint duration and the velocity of the team is 20.

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{20}{10} = 2$$

## Burndown Chart:

A Burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

BURNDOWN CHART			
Sprint	Date	Estimated Effort	Actual Effort
Sprint - 1	24 – Oct - 2022	20	20
	25 – Oct - 2022	19	20
	26 – Oct - 2022	18	19
	27 – Oct - 2022	17	19
	28 – Oct - 2022	17	18
Sprint - 2	29 – Oct - 2022	16	17
	30 – Oct - 2022	15	15
	31 – Oct - 2022	14	13
	01 – Nov - 2022	13	12
	02 – Nov - 2022	12	11
	03 – Nov - 2022	11	11

<b>Sprint - 3</b>	04 – Nov - 2022	11	11
	05 – Nov - 2022	10	9
	06 – Nov - 2022	9	8
	07 – Nov - 2022	8	7
	08 – Nov - 2022	7	6
	09 – Nov - 2022	6	6
<b>Sprint - 4</b>	10 – Nov - 2022	5	5
	11 – Nov - 2022	5	5
	12 – Nov - 2022	5	4
	13 – Nov - 2022	4	3
	14 – Nov - 2022	3	2
	15 – Nov - 2022	2	2
	16 – Nov - 2022	1	2
	17– Nov - 2022	1	1
	18 – Nov - 2022	1	1



**BURN DOWN CHART**