

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

Date	26 October 2022
Team ID	PNT2022TMID52122
Project Name	VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

Sprint Delivery Plan

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	8	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint -2	14	6 Days	31 Oct 2022	05 Nov 2022	12	05 Nov 2022
Sprint -3	16	6 Days	07 Nov 2022	12 Nov 2022	11	12 Nov 2022
Sprint -4	12	6 Days	14 Nov 2022	19 Nov 2022	12	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

For Sprint-1 the Average Velocity (AV)

is: $AV = \text{Sprint Duration} / \text{velocity} = 8 /$

$6 = 1.3V$ For Sprint-2 the Average

Velocity (AV) is: $AV = \text{Sprint Duration}$

$/ \text{velocity} = 14 / 6 = 2.3V$ For Sprint-3

the Average Velocity (AV) is: $AV =$

$\text{Sprint Duration} / \text{velocity} = 16 / 6 =$

$2.6V$ For Sprint-4 the Average Velocity

(AV) is: $AV = \text{Sprint Duration} /$

$\text{velocity} = 12 / 6 = 2.0V$ TOTAL TEAM

AVERAGE VELOCITY = 2.08