

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

Date	31 October 2022
Team ID	PNT2022TMID51401
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	2Days	31 Oct 2022	2 Nov 2022	2	04 Nov 2022
Sprint-2	14	2 Days	02 Nov 2022	04 Nov 2022	1	05 Nov 2022
Sprint-3	16	2 Days	07 Nov 2022	09 Nov 2022	3	12 Nov 2022
Sprint-4	12	2 Days	13 Nov 2022	15 Nov 2022	2	17 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: $AV = \text{Sprint Duration} / \text{velocity} = 8 / 2 = 4V$

For Sprint-2 the Average Velocity (AV) is: $AV = \text{Sprint Duration} / \text{velocity} = 14 / 2 = 7V$

For Sprint-3 the Average Velocity (AV) is: $AV = \text{Sprint Duration} / \text{velocity} = 16 / 2 = 8V$

For Sprint-4 the Average Velocity (AV) is: $AV = \text{Sprint Duration} / \text{velocity} = 12 / 2 = 6V$

TOTAL TEAM AVERAGE VELOCITY = 6.25