

Project Planning Phase

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

Date	15 November 2022
Team ID	PNT2022TMID45200
Project Name	VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

Sprint Delivery Plan

Project Tracker, Velocity & Burndown Chart:

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	12	06 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	18	07 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	15 Nov 2022

Velocity:

For Sprint-1 the Average Velocity (AV) is: $AV = \text{Sprint Duration} / \text{velocity} = 12 / 6 = 2$

For Sprint-2 the Average Velocity (AV) is: $AV = \text{Sprint Duration} / \text{velocity} = 18 / 6 = 3$

For Sprint-3 the Average Velocity (AV) is: $AV = \text{Sprint Duration} / \text{velocity} = 20 / 6 = 3.3$

For Sprint-4 the Average Velocity (AV) is: $AV = \text{Sprint Duration} / \text{velocity} = 20 / 6 = 3.3$

TOTAL TEAM AVERAGE VELOCITY = 2.9