Sprint Delivery Plan

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

Date	18 October 2022
Team ID	PNT2022TMID35350
Project Name	Project - VirtualEye - LifeGuard for Swimming Pools to Detect Active Drowning
Maximum Marks	8 Marks

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	5	6 Days	24 Oct 2022	29 Oct 2022	5	29 Oct 2022
Sprint-2	9	6 Days	31 Oct 2022	05 Nov 2022	7	05 Nov 2022
Sprint-3	3	6 Days	07 Nov 2022	12 Nov 2022	3	12 Nov 2022
Sprint-4	3	6 Days	14 Nov 2022	19 Nov 2022	3	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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Given:

Sprint Duration = 6 days
Velocity of Sprint-1 = 5
Velocity of Sprint-2 = 9
Velocity of Sprint-3 = 3
Velocity of Sprint-4 = 3

For Sprint-1: Average velocity = 5/6 = 0.83
For Sprint-2: Average velocity = 9/6 = 1.5
For Sprint-3: Average velocity = 3/6 = 0.5
For Sprint-4: Average velocity = 3/6 = 0.5

Total Average Velocity = 3.33

Burndown Chart:

A burndown 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