

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

Date	3 rd November 2022
Team ID	PNT2022TMID48602
Project Name	A novel method for handwritten digit recognition system
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	20	6 Days	28 th Oct 2022	3 rd Nov 2022	20	3 rd Nov 2022
Sprint-2	20	6 Days	29 th Oct 2022	4 th Nov 2022	20	5 th Nov 2022
Sprint-3	20	6 Days	6 th Nov 2022	12 th Nov 2022	20	14 th Nov 2022
Sprint-4	20	6 Days	13 th Nov 2022	19 th Nov 2022	20	20 th Nov 2022

Velocity:

Imagine we have a 6-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)

$$AV = \text{sprint duration} / \text{Velocity}$$

$$= 20 / 6 = 3.33$$

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.



