

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

Date	18 October 2022
Team ID	PNT2022TMID24124
Project Name	A Novel Method for Handwritten Digit Recognition System
Maximum Marks	8 Marks

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points	Sprint Release Date
Sprint-1	20	6 Days	18 Oct 2022	19 Oct 2022	20	19 Oct 2022
Sprint-2	20	6 Days	19 Oct 2022	20 Oct 2022	20	20 Oct 2022
Sprint-3	20	6 Days	20 Oct 2022	21 Oct 2022	20	21 Oct 2022
Sprint-4	20	6 Days	21 Oct 2022	22 Oct 2022	20	22 Oct 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)

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

$$= 20 / 6 = 3.33$$

### 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.

