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

Date	22 October 2022
Team ID	PNT2022TMID32155
Project Name	Project – A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Team Members
Sprint-1	Registration	USN-1	Each user should have the phone number to use this service and verified using otp and passwords should be created.	4
Sprint-2	Login	USN-2	User can Login by using their respective user id and password.	4
Sprint-3	Upload Image of hand written document	USN-3	The input from the user to find the digits should be uploaded.	4
Sprint-4	Recognition and Results.	USN-4	The userinput got processed and the result outcome will be the clear digits.	4

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	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)

$$AV = \frac{Sprint\ duration}{Velocity} = \frac{20}{6} = 3.3$$

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.