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

Date	20 October 2022
Team ID	PNT2022TMID54364
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	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	image upload	USN-1	User can upload image using the input component	1	High	S P Lakshmi Priya
Sprint-1	image upload	USN-2	adding upload button to send image for prediction	1	Medium	Karunya T
Sprint-2	training	USN-3	importing keras dataset, process it and integrating it	2	Medium	Karthikeyan T
Sprint-2	training	USN-4	model training	2	High	S P Lakshmi Priya
Sprint-2	training	USN-5	model testing	2	High	Karthick Raja
Sprint-3	UI	USN-6	developing HTML page for user interface	1	Medium	Karunya T
Sprint-4	results	USN-7	result formatting	2	High	Karthikeyan T

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	2	6 Days	24 Oct 2022	29 Oct 2022	2	29 Oct 2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	6	05 Nov 2022
Sprint-3	1	6 Days	07 Nov 2022	12 Nov 2022	1	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	2	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)

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

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.