

Project Planning Phase

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

Date	6 November 2022
Team ID	PNT2022TMID25366
Project Name	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	Story Points	Priority	Team Members
Sprint-1	Dashboard	USN-1	As a user, they can see the information regarding the prediction of handwritten digit recognition.	2	High	Navin Kumar M
Sprint-1	Launch	USN-2	On clicking the launch button, it will redirect the user to a page where the images to be predicted can be uploaded.	2	High	Nimanthran Paul K
Sprint-2	Upload	USN-3	Users can select the image from the local storage.	2	High	Ramanathan M, Santhosh Kumar N
Sprint-3	Predict	USN-4	Once the image is uploaded, it will predict the respective image.	2	High	Ramanathan M, Navin Kumar M
Sprint-4	Display	USN-5	The predicted image will be displayed with the accuracy chart.	2	High	Nimanthran Paul K, Santhosh Kumar N

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	3 Days	8 Nov 2022	10 Nov 2022	20	9 Nov 2022
Sprint-2	20	3 Days	11 Nov 2022	13 Nov 2022	20	12 Nov 2022
Sprint-3	20	3 Days	14 Nov 2022	16 Nov 2022	20	15 Nov 2022
Sprint-4	20	3 Days	17 Nov 2022	19 Nov 2022	20	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)

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{20}{6} = 3.33$$

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

	OCT	NOV
Sprints		
⚡ IBM-1 Dashboard And Launch		
⚡ IBM-2 Upload		
⚡ IBM-3 Predict		
⚡ IBM-4 Display		