

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID32614
Project Name	Project - A Novel Method for Handwritten Digit Recognition System
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Home	USN-1	As a user, I can upload the image that needs to be recognized.	2	High	Hariharan A T, Karthikeyan S, Gowrav Krishna V, Kousic A
Sprint-2		USN-2	As a user, I can use the application feature to recognize the uploaded image.	2	High	Hariharan A T, Karthikeyan S, Gowrav Krishna V, Kousic A
Sprint-3		USN-3	As a user, I can download the processed input image.	2	Low	Hariharan A T, Karthikeyan S, Gowrav Krishna V, Kousic A

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	24 Oct 2022	29 Oct 2022	20	30 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 Nov 2022

Velocity:

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{6} = 3.3\bar{3}$$

Burndown Chart:

Burndown Chart

