

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

Date	19 November 2022
Team ID	PNT2022TMID45883
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	Data collection	USN-1	Gather data from multiple sources. analysis the dataset	1	Medium	S.JANANI G.HEMAPRIYA K.REKHA SREE K.SAI MONIKA
Sprint-2	Data Preprocessing	USN-2	Data cleaning, Data transformation, Data reduction.	2	High	S.JANANI G.HEMAPRIYA K.REKHA SREE K.SAI MONIKA
Sprint-3	Model Building	USN-3	Build model, Determine important variables, prediction, Test the model	2	High	S.JANANI G.HEMAPRIYA K.REKHA SREE K.SAI MONIKA
Sprint-4	Application Building	USN-4	Building a web application, UI and cloud upload	1	Medium	S.JANANI G.HEMAPRIYA K.REKHA SREE K.SAI MONIKA

**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	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

**Velocity:**

$$AV = \frac{\text{sprint duration}}{\text{velocity}}$$

$$AV = 6/3 = 2$$

