

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

Date	22 October 2022
Team ID	PNT2022TMID46193
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	Understanding the data	USN-1	Importing the required library	1	Medium	<ul style="list-style-type: none"> D.GAYATHRI R.KEERTHANA P.VIJI
Sprint-1		USN-2	Loading the data	2	High	<ul style="list-style-type: none"> S.SOWNDHARAYA P. VIJI
Sprint-1		USN-3	Analyzing the data	2	High	<ul style="list-style-type: none"> D.GAYATHRI R.KEERTHANA
Sprint-1		USN-4	Reshaping the data	1	Medium	<ul style="list-style-type: none"> S.SOWNDHARYA P.VIJI
Sprint- 1		USN-5	Applying one hot encoding	1	Low	<ul style="list-style-type: none"> P.VIJI
Sprint- 2	Model building-1	USN-6	Add CNN layers	5	High	<ul style="list-style-type: none"> R.KEERTHANA

Sprint-2		USN- 7	Compiling the model	2	Low	• D.GAYATHRI
Sprint-2		USN-8	Train the model	7	High	• S.SOWNDHARYA
Sprint-2		USN-9	Observing the matrix	3	Medium	• D.GAYATHRI
Sprint-2		USN-10	Test the model	3	Medium	• P.VIJI
Sprint-3	Model building -2	USN-11	Observing the metrics	4	High	• S.SOWNDHARYA
Sprint-3		USN-12	Test the model	2	Low	• R.KEERTHANA
Sprint-3		USN-13	Save the model	6	High	• D.GAYATHRI
Sprint-3		USN-14	Test with saved model	2	Low	• P.VIJI
Sprint-3		USN-15	Create an HTML file	8	High	• R.KEERTHANA
Sprint-4	Application building	USN-16	Build python code part1	5	High	• S.SOWNDHARYA

Sprint-4		USN-17	Build python code part2	2	Medium	• S.SOWNDHARYA
Sprint-4		USN-18	Run the application	8	High	• R.KEERTHANA
Sprint-4	Train the model on IBM	USN-19	Register for IBM cloud	11	High	• D.GAYATHRI
Sprint-4		USN-20	Train the model on IBM	4	High	• P.VIJI

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:

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

$$AV = 6/3 = 2$$

BURNDOWN CHART

