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

Date	28 October 2022
Team ID	PNT2022TMID32105
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	Data Collection	USN-1	Collect Dataset .	9	High	Shiva Surya Vasan
Sprint-1		USN-2	Reshape the data and apply one hot encoding	8	Medium	Surya Prakash, Sudharson, Boopathi
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	10	High	Shiva Surya Vasan Surya Prakash
Sprint-2		USN-4	Training the image classification model using CNN	7	Medium	Boopathi, Sudharson
Sprint-3	Training and Testing	USN-5	Building Python code and run the application	9	High	Shiva Surya Vasan
Sprint-4	Implementation of the application and deployment on cloud	USN-6	Training the model on IBM cloud.	8	Medium	Surya Prakash, Boopathi

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	10	6 Days	24 Oct 2022	29 Oct 2022	8	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	04 Nov 2022	5	04 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	11 Nov 2022	7	11 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	18 Nov 2022	5	18 Nov 2022

Velocity:

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

AV = 6/10 = 0.6

Burndown chart:

Chart Title

250

200

96

150

80

56

100

96

40

80

40

64

50

48

32

32

16

0

0

DAY 0   DAY 1   DAY 2   DAY 3   DAY 4   DAY 5   DAY 6

— EFFORT REMAINING   — ACTUAL EFFORT