<div align="center">

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

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Date	22 October 2022
Team ID	PNT2022TMID16504
Project Name	Real Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Use the below template to create product backlog and sprint schedule   .   **Team Lead:** P Mukesh Kumar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Collect Data-set.	9	High	Naveenakrishnan S Ganeshamurthy K Sharath Kumar B P Mukesh Kumar
Sprint-1	Image Preprocessing	USN-2	Preprocessing the collected data-set	8	Medium	Naveenakrishnan S Ganeshamurthy K Sharath Kumar B P Mukesh Kumar
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	10	High	Naveenakrishnan S Ganeshamurthy K Sharath Kumar B P Mukesh Kumar
Sprint-2	Model Training	USN-4	Training the image classification modelusing CNN	7	Medium	Naveenakrishnan S Ganeshamurthy K Sharath Kumar B P Mukesh Kumar
Sprint-3	Model Testing	USN-5	Training the model and testing the model's performance	9	High	Naveenakrishnan S Ganeshamurthy K Sharath Kumar B P Mukesh Kumar
Sprint-4	Implementation ofthe application	USN-6	Converting the input sign languageimages into English alphabets	8	Medium	Naveenakrishnan S Ganeshamurthy K Sharath Kumar B P Mukesh Kumar

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

80

150

56

100

96

40

80

40

50

64

32

48

16

32

0

0

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

—— EFFORT REMAINING   —— ACTUAL EFFORT

SPRINT BURNDOWN CHART: