Project Planning Phase
Sprint Delivery Plan

Date	18 October 2022
Team ID	PNT2022TMID46989
Project Name	Real-Time Communication System Powered by AI for Specially Abled
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	Dataset Collection	USN-1	Collect Dataset for building model.	9	High	Tamilkaviya Dhanalakshmi
Sprint-1	Image Preprocessing	USN-2	Perform Pre-processing techniques on the dataset.	8	Medium	Tamilkaviya Dhanalakshmi
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model.	10	High	Tamilkaviya Dhanalakshmi Santhosh
Sprint-2		USN-4	Training the image classification model using CNN.	7	Medium	Tamilkaviya Dhanalakshmi Santhosh
Sprint-3	Training and Testing the Model	USN-5	Training the model and testing the model's performance.	9	High	Tamikaviya Narmatha Santhosh

| Sprint-4 | Application Development | USN-6 | Converting the input gesture image into English Alphabets. | 8 | Medium | Tamikaviya Santhosh |

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	17	6 Days	24 Oct 2022	29 Oct 2022	17	29 Oct 2022
Sprint-2	17	6 Days	31 Oct 2022	05 Nov 2022	17	05 Nov 2022
Sprint-3	9	6 Days	07 Nov 2022	12 Nov 2022	9	12 Nov 2022
Sprint-4	8	6 Days	14 Nov 2022	19 Nov 2022	8	19 Nov 2022

Velocity:

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

$$AV = \frac{6}{10} = 0.6$$

Burndown Chart:

Chart Title

	DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
EFFORT REMAINING	96	80	64	48	32	16	0
ACTUAL EFFORT	96	80	56	40	40	32	0

— EFFORT REMAINING   — ACTUAL EFFORT