Project Planning Phase
Sprint Delivery Plan

Date	18 October 2022
Team ID	PNT2022TMID09233
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	Adarsh Srinivas Jayasurya
Sprint-1	Image Pre-processing	USN-2	Perform Pre-processing techniques on the dataset.	8	Medium	Abubucker Siddique Ashwath
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model.	10	High	Adarsh Srinivas Abubucker Siddique
Sprint-2		USN-4	Training the image classification model using CNN.	7	Medium	Jayasurya Ashwath
Sprint-3	Training and Testing the Model	USN-5	Training the model and testing the model's performance.	9	High	Adarsh Srinivas Ashwath
Sprint-4	Application Development	USN-6	Converting the input gesture image into English Alphabets.	8	Medium	Jayasurya Abubucker Siddique

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:

$$Average\ sprint\ velocity = \frac{(2*17)+(2*17)+(1*9)+(1*8)}{4}$$

$$Average\ sprint\ velocity = \frac{85}{4} = 21.25$$

Burndown Chart: