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

Date	25 October 2022
Team ID	PNT2022TMID322000
Project Name	Project - Real Time Communication System Powered by AI for Specially Abled
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	AAKASH K, JEEVADHARSHINI V
Sprint-1		USN-2	Image preprocessing	7	Medium	JAYA CHANDRAN M S, MONISHAN J
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	10	High	AAKASH K, JEEVADHARSHINI V
Sprint-2		USN-4	Training the image classification model using CNN	8	Medium	JAYA CHANDRAN M S, MONISHAN J
Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	9	High	AAKASH K, JEEVADHARSHINI V
Sprint-4	Implementation of the application	USN-6	Converting the input sign language images into English alphabets	8	Medium	JAYA CHANDRAN M S, MONISHAN J

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	04 Nov 2022	8	29 OCT 2022
Sprint-2	20	6 Days	01 Nov 2022	08 Nov 2022	5	5 NOV 2022
Sprint-3	20	6 Days	08 Nov 2022	12 Nov 2022	7	12 NOV 2022
Sprint-4	20	6 Days	15 Nov 2022	16 Nov 2022	5	18 NOV 2022

Velocity:

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$