Project Planning Phase

(Product Backlog, Sprint Planning, Stories, Story points)

Date	27 October 2022
Team ID	PNT2022TMID34007
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	Data Collection	USN-1	Collect Dataset .	9	High	Jaya Reena,Jasira
Sprint-1		USN-2	Image preprocessing	8	Medium	Jaya Reena ,Jasira
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	10	High	Evangeline, AgnesKavya

Sprint		USN-4	Training the image classification modelusing CNN	7	Medium	Evangeline, Agnes Kavya
Sprint-2		USN-4	Training the image classification modelusing CNN	7	Medium	Evangeline, Agnes Kavya
Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	9	High	Beiorijin , Jasira
Sprint-4	Implementation ofthe application	USN-6	Converting the input sign language images into English alphabets	8	Medium	Jaya Reena,Evangeline

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	20	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05Nov 2022	20	05 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	20	12Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

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

AV=6/10=0.6