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

Date	22 October 2022
Team ID	PNT2022TMID06853
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	2	High	ITOKI,JATIN, RENATHUNG, KRISHNAN
Sprint-1		USN-2	Collect Key points using Media Pipe Holistic	1	High	ITOKI,JATIN, RENATHUNG, KRISHNAN
Sprint-2	Build of the model	USN-3	Model initialisation with required layers	2	High	ITOKI,JATIN, RENATHUNG,KRISHNAN
Sprint-2		USN-4	Training model using LSTM from key points collected	2	Medium	ITOKI,JATIN, RENATHUNG, KRISHNAN
Sprint-3	Testing the model	USN-5	Testing the model's performance	10	High	ITOKI,JATIN, RENATHUNG,KRISHNAN
Sprint-4	Implementation of speech feature	USN-6	Converting text to speech using Google API(Any API)	10	Medium	ITOKI,JATIN, RENATHUNG,KRISHNAN

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	29 Oct 2022	10	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	6	19 Nov 2022

Velocity:

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

Average Velocity = 6/10 = 0.6

Burndown Chart: