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

Date	22 October 2022
Team ID	PNT2022TMID38013
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	Dataset has to be collected	12	High	S.Logeshwaran B.M.Kumaravel
Sprint-1	Image Preprocessing	USN-2	Collected images has to be preprocessed	8	Medium	S.Hariharan Medepalli Yadidya
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	12	High	S.Logeshwaran B.M.Kumaravel
Sprint-2	Model Training	USN-4	Training the image classification model using CNN	8	Medium	S.Hariharan Medepalli Yadidya
Sprint-3	Training & Testing	USN-5	Training the model and testing the model's	20	High	S.Logeshwaran B.M.Kumaravel
Sprint-4	Implementation of the application	USN-6	Converting the input images into Speech	20	High	S.Hariharan Medepalli Yadidya S.Logeshwaran B.M.Kumaravel

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

Velocity:

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

Burndown Chart: