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

Date	18 October 2022
Team ID	PNT2022TMID37811
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)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Collecting/downloading dataset for pre-processing.	10	High	Azarudeen Shariff A Nagoor Mydeen A Mohammed Faseeh S N Logesh E Mohamed Asmaan M
Sprint-2		USN-2	Data pre-processing formats the data and handles the missing data in the dataset.	10	Medium	Azarudeen Shariff A Nagoor Mydeen A Mohammed Faseeh S N Logesh E Mohamed Asmaan M
Sprint-1	Model Building	USN-1	Splitting the data into training and testing data set from the entire dataset	10	High	Azarudeen Shariff A Nagoor Mydeen A Mohamed Asmaan M
Sprint-2		USN-2	Using cv2 and keras tested the sign language by capturing frame by frame	10	High	Azarudeen Shariff A Nagoor Mydeen A
Sprint-3	Training and Testing	USN-1	Training the model and testing the performance of the model (accuracy rate)	20	High	Azarudeen Shariff A Nagoor Mydeen A Mohammed Faseeh S N
Sprint-4	Implementation of Web page	USN-1	Implementing the web page for collecting the data from user	10	High	Mohamed Asmaan M Logesh E Mohammed Faseeh S N
Sprint-4		USN-2	Deploying the model using IBM Cloud and IBM Watson Studio	10	Medium	Azarudeen Shariff A Nagoor Mydeen A Mohammed Faseeh S N Logesh E Mohamed Asmaan M

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:

Sprint 1 Average Velocity:
   Average Velocity = 20/6 = 3.3

Sprint 2 Average Velocity:
   Average Velocity = 20/6 = 3.3

Sprint 3 Average Velocity:
   Average Velocity = 20/6 = 3.3

Sprint 4 Average Velocity:
   Average Velocity = 20/6 = 3.3

Burndown Chart: