Project Planning Phase

Date	1 November 2022
Team ID	PNT2022TMID01421
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	Medium	Yashwanth, Raj Kumar, Vettri Chezhian, Naveen Kumar.
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	1	High	Yashwanth, Raj Kumar, Vettri Chezhian, Naveen Kumar.
Sprint-1	Data Collection	USN-3	Gathering the information from various resources	1	Medium	Yashwanth, Raj Kumar, Vettri Chezhian, Naveen Kumar.
Sprint-1	Data Preprocessing	USN-4	To Convert and clean the raw data	2	High	Yashwanth, Raj Kumar, Vettri Chezhian, Naveen Kumar.
Sprint-2	Model Building	USN-5	Using cleaned dataset, Model can be build using ML Algorithm	2	High	Yashwanth, Raj Kumar, Vettri Chezhian, Naveen Kumar.
Sprint-2		USN-6	Training the classification model	1	High	Yashwanth, Raj Kumar, Vettri Chezhian, Naveen Kumar.

Sprint-3	Application Building	USN-7	Building Python code and run the application	1	Medium	Yashwanth, Raj Kumar, Vettri Chezhian, Naveen Kumar.
Sprint-3		USN-8	Predicted Result	1	Medium	Yashwanth, Raj Kumar, Vettri Chezhian, Naveen Kumar.
Sprint-4	Implementation of the application and deployment on cloud	USN-9	Deployed on IBM Cloud	2	High	Yashwanth, Raj Kumar, Vettri Chezhian, Naveen Kumar.

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 Nov 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	7 Nov 2022	12 Nov 2022	20	17 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:

Burndown Chart