

## Project Planning Phase

Date	31 October 2022
Team ID	PNT2022TMID47348
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	Magendran, Sridhar
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	1	High	Magendran, Sridhar
Sprint-1	Data Collection	USN-3	Gathering the information from various resources	1	Medium	Nimal solai raja,Kamlesh,Selvaraj
Sprint-1	Data Preprocessing	USN-4	To Convert and clean the raw data	2	High	Kamalesh, Magendran, Nimal solai raja, Selvaraj, Sridhar
Sprint-2	Model Building	USN-5	Using cleaned dataset, Model can be build using ML Algorithm	2	High	Kamalesh, Magendran, Nimal solai raja, Selvaraj, Sridhar
Sprint-2		USN-6	Training the classification model	1	High	Magendran, Selvaraj
Sprint-3	Application Building	USN-7	Building Python code and run the application	1	Medium	Kamalesh, Magendran, Nimal solai raja, Selvaraj, Sridhar
Sprint-3		USN-8	Predicted Result	1	Medium	Kamalesh, Magendran, Nimal solai raja, Selvaraj, Sridhar
Sprint-4	Implementation of the application and deployment on cloud	USN-9	Deployed on IBM Cloud	2	High	Kamalesh, Magendran, Nimal solai raja, Selvaraj, Sridhar

### 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	30 Oct 2022	05 Nov 2022	20	05 Oct 2022
Sprint-2	20	6 Days	06 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-3	20	5 Days	12 Nov 2022	17 Nov 2022	20	17 Nov 2022
Sprint-4	20	2 Days	17 Nov 2022	19 Nov 2022	20	19 Nov 2022

#### Velocity:

We have 6-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$AV = 20/6 = 3.33$$

#### Burndown Chart:

