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

Date	22 October 2022
Team ID	PNT2022TMID24946
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum	8 Marks
Marks	

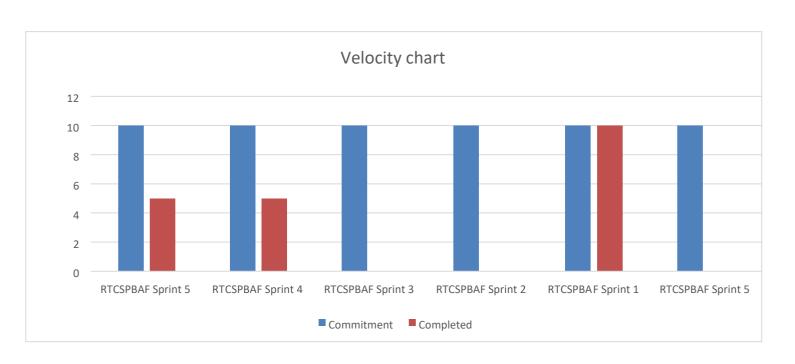
## **Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Sprint	Functional Requirement (Epic)	User	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.	5	High	GANAPATHY RAJA CHUNDURU NAVEEN KUMAR SHIVA SUBRAMANIYAN DINESH KUMAR
	Login	USN-2	As a user, I can log into the application by entering email & password	5	High	GANAPATHY RAJA CHUNDURU NAVEEN KUMAR SHIVA SUBRAMANIYAN DINESH KUMAR
	Data Collection	USN-3	Collecting Dataset	5	High	GANAPATHY RAJA CHUNDURU NAVEEN KUMAR SHIVA SUBRAMANIYAN DINESH KUMAR
	Image preprocessing	USN-4	Perform preprocessing techniques on the dataset	5	High	GANAPATHY RAJA CHUNDURU NAVEEN KUMAR SHIVA SUBRAMANIYAN DINESH KUMAR

Sprint-3	Model Building	USN-5	Model initialization with required layers	5	High	GANAPATHY RAJA  CHUNDURU NAVEEN  KUMAR
						SHIVA SUBRAMANIYAN
						DINESH KUMAR
	Training	USN-6	Training the image	5	Medium	GANAPATHY RAJA
			classification model using CNN			CHUNDURU NAVEEN KUMAR
						SHIVA SUBRAMANIYAN
						DINESH KUMAR
Sprint-4	Testing	USN-7	Testing the model's performance	10	High	GANAPATHY RAJA CHUNDURU NAVEEN KUMAR
						SHIVA SUBRAMANIYAN
						DINESH KUMAR
Sprint-5	Deployment of	USN-8	Converting text to	10	Medium	GANAPATHY RAJA
	model in web/app		speech API			CHUNDURU NAVEEN KUMAR
						SHIVA SUBRAMANIYAN
						DINESH KUMAR

## **Project Tracker, Velocity & Burndown Chart: (4 Marks)**

	17 18 19	OCT 20 21	22 23	24 25	26 2	30	31 1	NOV 2 3	5 6	7 8	NOV 9 10 11	12 13	14	NOV 17 18	19 20	21 22	23 2		26 27	28 2	DEC 1 2	3 4	5 6
Sprints					RTCSPBA			RTCSPBAF :			TCSPBAF Sprint			AF Sprint 4				BAF Sprint S					
RTCSPBAFSA-9 Registration																							
RTCSPBAFSA-10 Data collection and Image process																							
➤ MTCSPBAFSA-11 Data collection																							
RTCSPBAFSA-3 Collecting DONE VISHWAUG																							
▼ ▼ RTCSPBAFSA-12 Image processing																							
RTCSPBAFSA-4 Perfor IN REVIEW PRAVINCHA																							
▼ ▼ RTCSPBAFSA-13 Model building									ı														
RTCSPBAFSA-5 Mod IN PROGRESS PRAVINCHA																							
RTCSPBAFSA-14 Training																							
▼ ▼ RTCSPBAFSA-15 Testing																							
RTCSPBAFSA-7 Testl IN PROGRESS VISHWAUG																							
▼ RTCSPBAFSA-16 Deployment of model in web/app																8							
RTCSPBAFSA-8 Converting TO DO PRABAKAR																							



#### **Project tracker:**

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	10	7 Days	24 Oct 2022	31 Oct 2022	10	29 Oct 2022
Sprint-2	10	7 Days	01 Oct 2022	07 Nov 2022	10	05 Nov 2022
Sprint-3	10	7 Days	08 Nov 2022	14 Nov 2022	10	12 Nov 2022
Sprint-4	10	7 Days	15 Nov 2022	21 Nov 2022	10	19 Nov 2022
Sprint-5	10	7 Days	22 Nov 2022	28 Nov 2022	10	25 Nov 2022

**Velocity:** 

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

Average Velocity = 7/10 = 0.7

#### **Burndown Chart:**

