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

Team ID	PNT2022TMID40385
Project Name	Real-Time Communication System Powered By AI for Specially Abled

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Creating the Dashboard	USN-1	As a user, I must have one place to explore all available features	2	Medium	Madhavan E
Sprint-2	Registration	USN-2	As a user, I can register for the application by entering my email, password, and confirming my password.	2	Medium	MukeshKanna V
Sprint-2	Login	USN-3	As a user, I can log into the application by entering email & password	2	Medium	Vairamuthu N
Sprint-1	Uploading the Image	USN-4	As a user, I must upload image to find the letter/word	3	High	Damodharan D
Sprint-3	Management	USN-5	As a user, I can access the site using mobile/desktop.	2	Medium	Damodharan D
Sprint-4	System	USN-6	As a user, I can have audio as well as text output	1	Low	Madhavan E
Sprint-3	Cloud	USN-7	As a user, I can access the app without any problem from anywhere	2	Medium	Vairamuthu N
Sprint-4	System	USN-8	As a user, I must have access to previous usage	1	Low	MukeshKanna V

Project Tracker, Velocity & Burndown Chart

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	5	6 Days	24 Oct 2022	29 Oct 2022	4	29 Oct 2022
Sprint-2	4	6 Days	31 Oct 2022	05 Nov 2022	4	05 Nov 2022
Sprint-3	4	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	2	19 Nov 2022

Velocity:

$$\textbf{Average Velocity} = \frac{Velocity}{Sprint\ Duration}$$

- Average Velocity → AV
- Velocity → Points per sprint
- Sprint Duration → Number of days per sprint

1. Sprint-1 : AV = **5/6 = 0.83**
2. Sprint-2 : AV = **4/6 = 0.66**
3. Sprint-3 : AV = **4/6 = 0.66**
4. Sprint-4 : AV = **2/6 = 0.33**