

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

Date	24 October 2022
Team ID	PNT2022TMID21808
Project Name	Real time Communication System Powered by AI for Specially Abled
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.	8	High	Rajesh R Rajasekar G
Sprint-2		USN-2	As a user, I will receive confirmation email once I have registered for the application	10	High	Mythrayan S Logavarthan T
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	Medium	Rajesh R Mythrayan S
Sprint-2	Dashboard	USN-4	As a user, I can log into my account in a given Dashboard on any time	10	High	Logavarthan T Rajasekar G
Sprint-1	User interface	USN-5	Professional responsible for user requirements & needs	7	High	Rajesh R

Sprint-3	Model initialization	USN-6	Training and testing the model	10	High	Logavarthan T Rajesh R
Sprint-3	Objective	USN-7	Converting hand sign to text and text to speech	10	High	Rajasekar G Mythrayan S
Sprint-4	Privacy	USN-8	The developed application should be secure for the users	10	High	Rajesh R
Sprint-4	Check the performance of app	USN-9	check the usage and queries obtained from the end users.	10	Medium	Mythrayan S

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:

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

