

Project Planning Phase

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

Domain	Artificial Intelligence
Team ID	PNT2022TMID33317
Project Name	Realtime Communication System Powered by AI for Specially Abled.
Maximum Marks	8 Marks

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

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.	20	High	Dhiwicshen M Kalidoss M
Sprint-2	Login	USN-2	As a user, I can log into the application by entering email &	10	Medium	Arunkumar R Gokul S
Sprint-3	Upload image	USN-3	As a user, I Can Upload the sign Language image for Translating into text Format	20	Medium	Dhiwicshen M Gokul S
Sprint-4	Solution	USN-4	As a user, If User get any Queries, then they Get suggestions through Helpdesk	20	Medium	Arunkumar R Kalidoss M

Project Tracker, Velocity & Burn down Chart: (4Marks)

Sprint	Total StoryPoints	Duration	Sprint Start Date	Sprint End Date(Planned)	Story Points Completed (as onPlannedEndDate)	Sprint Release Date(Actual)
Sprint-1	20	7Days	24Oct 2022	29Oct 2022	20	29Oct 2022
Sprint-2	15	6 Days	31Oct 2022	05Nov 2022	20	05Nov 2022
Sprint-3	20	6 Days	07Nov 2022	12Nov 2022	20	12Nov 2022
Sprint-4	20	6Days	14Nov 2022	19Nov 2022	20	19Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint).

Sprint 1 average velocity:

$$\text{Average velocity} = 20 / 7 = 2.6$$

Sprint 2 average velocity:

$$\text{Average velocity} = 15 / 6 = 2.3$$

Sprint 3 average velocity:

$$\text{Average velocity} = 20 / 6 = 3.2$$

Sprint 4 average velocity:

$$\text{Average velocity} = 20 / 6 = 3.2$$

Burn-downChart:

