

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID48853
Project Name	Real time communication system Powered by AI for physically abled.
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint -1	Download the application	USN-1	As a user, download and open the application or website.	2	High	P.Jeevitha K.Muthu Lakshmi M. Shuba Keerthi M.sathya
Sprint -1		USN-2	The application will open, the camera is turned on for recording the sign languages	1	High	P.Jeevitha K.Muthu Lakshmi M. Shuba Keerthi M.sathya
Sprint -2		USN-3	The recorded language is taken as input	2	Low	P.Jeevitha K.Muthu Lakshmi M. Shuba Keerthi M.sathya
Sprint -1	Conversion process	USN-4	With the help of CNN in AI the sign language is converted into texts	2	Medium	P.Jeevitha K.Muthu Lakshmi M. Shuba Keerthi M.sathya
Sprint -1	Voice hearing	USN-5	The texts are then converted into audio for understanding	1	High	P.Jeevitha K.Muthu Lakshmi M. Shuba



Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			of normal people.			Keerthi M.sathya

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

Imagine we have a 10-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)

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