

Project Planning Phase

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

Date	22October2022
Team ID	PNT2022TMID29473
Project Name	Realtime communication system Powered by AI for specially abled
Maximum Marks	8Marks

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

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	E.R.Sivapriya M.Yogeshwari A.Shameera N.Yamini
Sprint - 1		USN-2	The application will open, the camera is turned on for recording the sign languages	1	High	E.R.Sivapriya M.Yogeshwari A.Shameera N.Yamini
Sprint - 2		USN-3	The recorded language is taken as input	2	Low	E.R.Sivapriya M.Yogeshwari A.Shameera N.Yamini
Sprint - 1	Conversion process	USN-4	With the help of CNN in AI the sign language is converted into texts	2	Medium	E.R.Sivapriya M.Yogeshwari A.Shameera N.Yamini

Sprint - 1	Voice hearing	USN-5	The text are then converted into audio for understanding	1	High	E.R.Sivapriya M.Yogeshwari A.Shameera N.Yamini
Sprint	Functional Requirement (Epic)	User Story Number	User Story/Task	Story Points	Priority	Team Members
			Of normal people.			

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

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	6Days	24Oct 2022	29Oct2022	20	
Sprint-2	20	6Days	31Oct 2022	05Nov2022		
Sprint-3	20	6Days	07Nov 2022	12Nov2022		
Sprint-4	20	6Days	14Nov 2022	19Nov2022		

Velocity:

Imagine we have a 10-daysprint duration, and the velocity of the team is 20(point per print). Let's calculate the team's average velocity(AV)per iteration unit(story points per day)

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