

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID24307
Project Name	Real Time Communication System Powered By AI For Specially 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	Login	USN-1	As a user ,I need to create a account for communication.	10	High	Santhana Krishnan
Sprint-1	Login	USN-2	As a user ,I need to enter my mail id or phone number to send a request to the another user to make a communication	20	High	Danusya
Sprint-2	Dashboard	USN-3	As a user I can mute audio or video anytime in the portal.	20	medium	Santhana Krishnan
Sprint-3	Dashboard	USN-4	As a user I can end up the communication by clicking red button.	20	Medium	Rajanala Venkata Ramana
Sprint-4	Dashboard	USN-5	As a user I can give feedback	10	Low	Vandela Guruvardhan Reddy

### 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:

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)

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

