

**Milestones & Task, Sprint Schedules**  
**(Product Backlog, Sprint Planning, Stories, Story points)**

Date	25 October 2022
Team ID	PNT2022TMID34007
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

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

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-1	Web cam	USN-1	As a user ,I can start the webcam to communicate with people	2	High	Jaya Reena,Jasira
Sprint-1	Capture Video	USN-2	As a user ,I can start the video to capture	1	Medium	Jaya Reena,Jasira
Sprint-2	Capture gesture	USN-3	It capture my gesture through video	2	High	Evangeline,Agnes Kavya

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-2	Translate gesture	USN-4	It translates gestures into alphabetic letters	2	High	Evangeline ,Agnes Kavya
Sprint-3	Extract features	USN-5	It extract features from preprocessing	1	Low	Beio Rijin, Jaya Reena
Sprint-3	Match features	USN-6	It match my gesture with sign language dataset	2	High	Beio Rijin, Jaya Reena
Sprint-4	Recognize gesture	USN-7	Finally ,it gives an exact meaning of gestures	2	High	Jasira, Evangeline

### **Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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

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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)

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