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

Date	21 October 2022
TeamID	PNT2022TMID52462
Project Name	Project - 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	Data Collection	USN-1	Collect Dataset .	9	High	GEETHU S KAVIYA P
Sprint-1		USN-2	Image preprocessing	8	Medium	VISHALI B KAVIYADHARSHINI S
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	10	High	GEETHU S VISHALI B
Sprint-2		USN-4	Training the image classification model using CNN	7	Medium	KAVIYA P KAVIYADHARSHINI S
Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	9	High	KAVIYA P VISHALI B

| Sprint-4 | Implementation of the application | USN-6 | Converting the input sign language images into English alphabets | 8 | Medium | GEETHU S KAVIYADHARS HINI S |

ProjectTracker, Velocity& BurndownChart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	SprintEnd Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	6 Days	24 Oct 2022	29 Oct 2022	8	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	04 Nov 2022	5	04 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	11 Nov 2022	7	11 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	18 Nov 2022	5	18 Nov 2022

Velocity:

$$AV = \frac{sprint\ duration}{velocity}$$

$$AV = 6/10 = 0.6$$

Burndown chart:

SPRINT BURNDOWN CHART:

Chart Title

	DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
ACTUAL EFFORT	96	80	56	40	40	32	0
EFFORT REMAINING	96	80	64	48	32	16	0

EFFORT REMAINING   ACTUAL EFFORT