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

Date	22 October 2022
Team ID	PNT2022TMID37224
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	Mohanraju G
Sprint-1		USN-2	Image preprocessing	8	Medium	Mohanraju G
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	10	High	Aakash M K
Sprint-2		USN-4	Training the image classification model using CNN	7	Medium	Aakash M K
Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	9	High	Manoj Kumar M
Sprint-4	Implementation of the application	USN-6	Converting the input sign language images into English alphabets	8	Medium	Suresh Kumar D

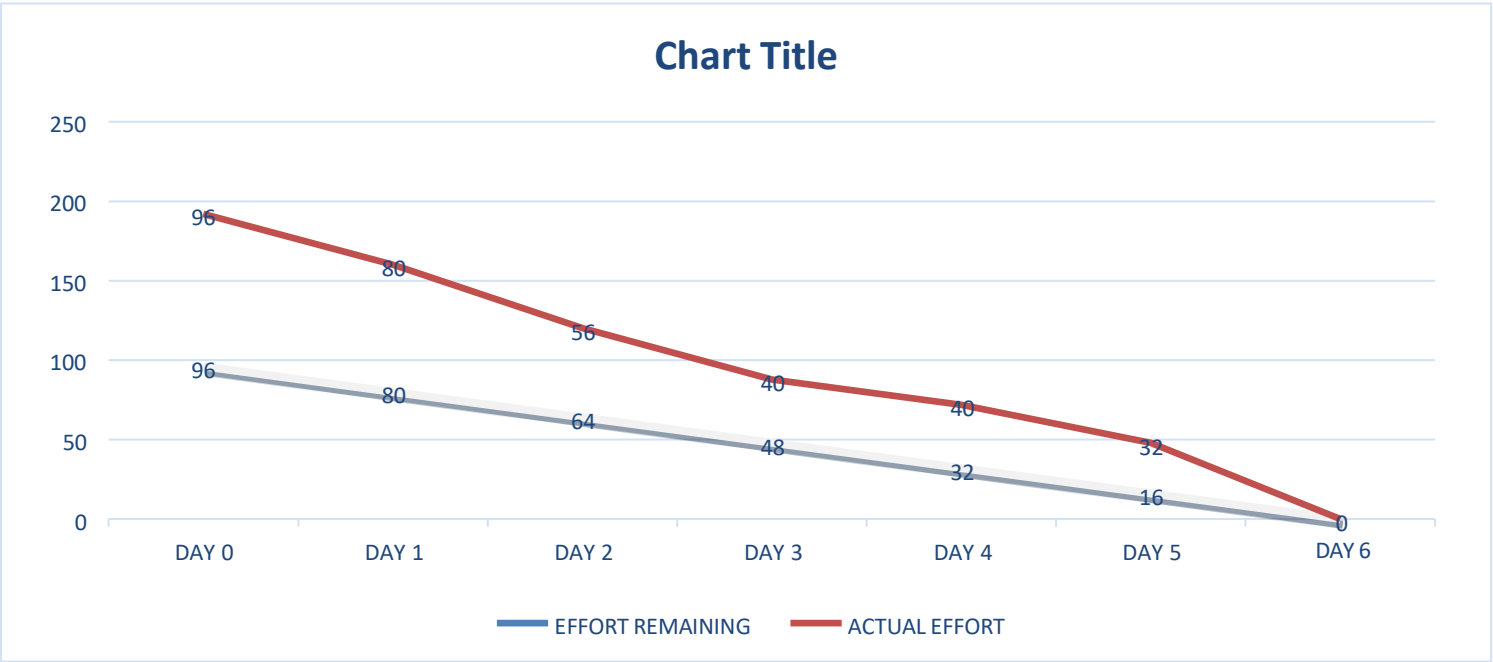**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

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	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 = 7/10 = 0.7

Burndown chart:

Chart Title

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

SPRINT BURNDOWN CHART: