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

Date	08November2022
Team ID	PNT2022TMID44103
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	Data Collection	USN-1	Collect theDataset .	20	High	Deepak Dhanuskodi Aslin Manikandan
Sprint-1		USN-2	Image preprocessing	20	Medium	Deepak Dhanuskodi Aslin Manikandan
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	20	High	Deepak Dhanuskodi Aslin Manikandan
Sprint-2		USN-4	Training the image classification modelusing CNN	20	Medium	Deepak Dhanuskodi

Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	20	High	Aslin Manikandan
Sprint-4	Implementation of the application	USN-6	Converting the input sign language images into English alphabets	20	Medium	Deepak Dhanuskodi Aslin Manikandan

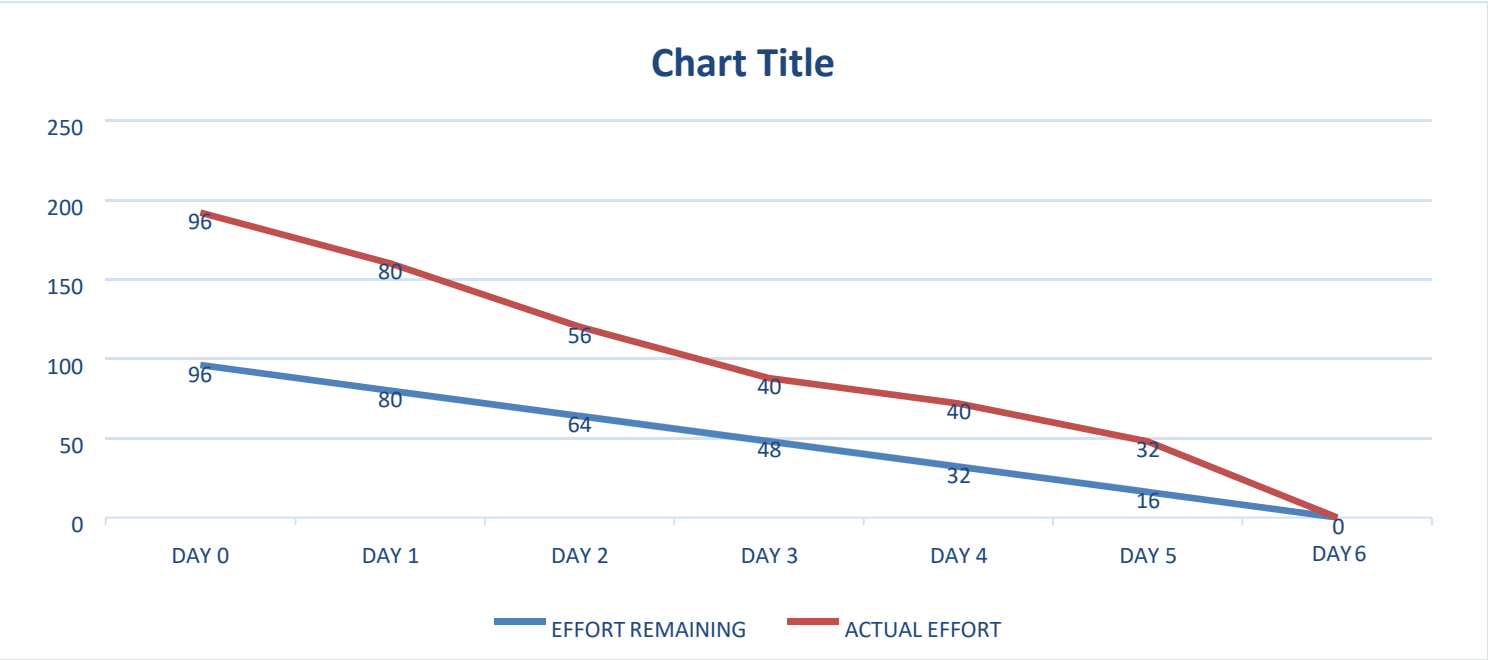**ProjectTracker, Velocity& BurndownChart: (4 Marks)**

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	04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	10 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	18 Nov 2022

Velocity:

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

AV   = 20/10 = 2

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

— EFFORT REMAINING   — ACTUAL EFFORT

SPRINT BURNDOWN CHART: