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

Date	09 November 2022
Team ID	PNT2022TMID39159
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	Anandh.P, Arun.R, Balamurugan.M Sathyanarayanan.S
Sprint-1		USN-2	Image preprocessing	20	Medium	Anandh.P, Arun.R, Balamurugan.M Sathyanarayanan.S
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	20	High	Anandh.P, Arun.R, Balamurugan.M Sathyanarayanan.S
Sprint-2		USN-4	Training the image classification modelusing CNN	20	Medium	Anandh.P, Arun.R

Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	20	High	Balamurugan.M Sathyanarayanan.S
Sprint-4	Implementation of the application	USN-6	Converting the input sign language images into English alphabets	20	Medium	Anandh.P, Arun.R, Balamurugan.M Sathyanarayanan.S

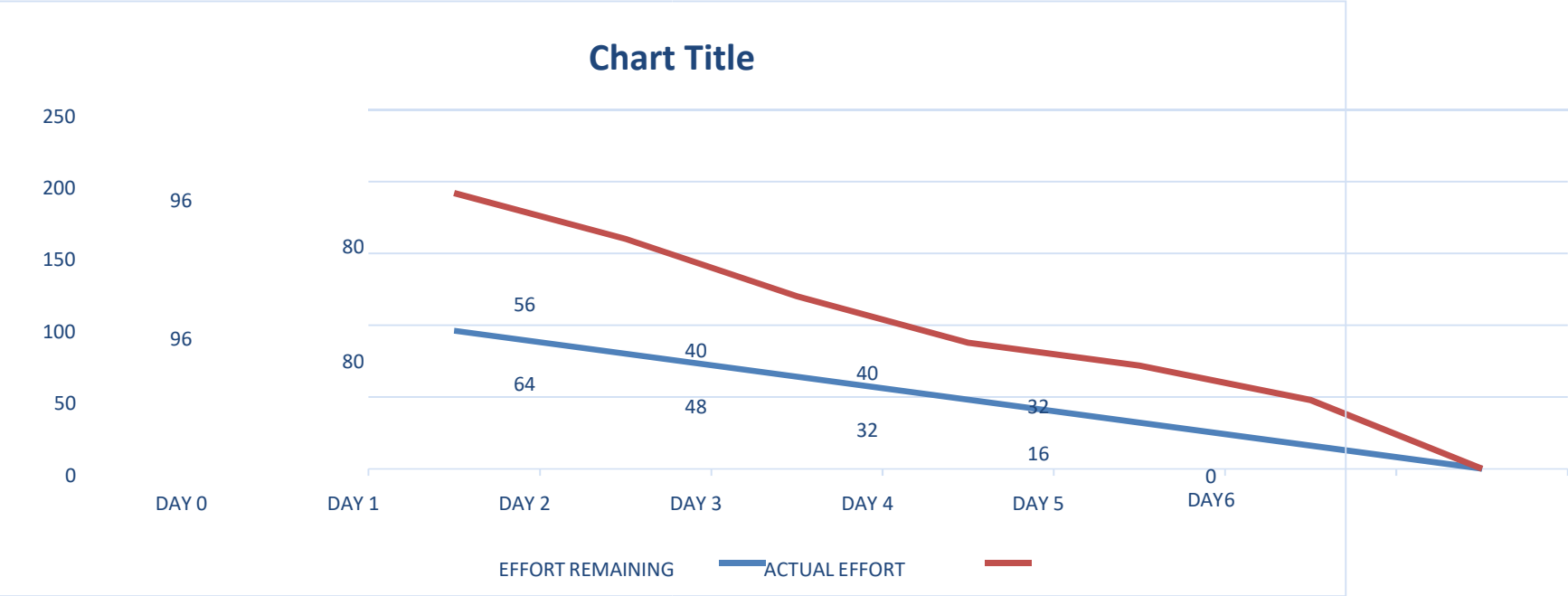**ProjectTracker, Velocity& BurndownChart: (4 Marks)**

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

Legend: EFFORT REMAINING — ACTUAL EFFORT —

Y-axis: 250, 200, 150, 100, 50, 0

X-axis: DAY 0, DAY 1, DAY 2, DAY 3, DAY 4, DAY 5, DAY 6

Data labels:
96
96
80
80
56
64
40
48
40
32
32
16
0

SPRINT BURNDOWN CHART:

100%
80%
60%
40%
20%
0%

Oct 22   Oct 29 Nov 1 Nov 5   Nov 9 Nov 13   Nov 18

● Remaining work   ● Guideline