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

Date	07 november 2022
Team ID	PNT2022TMID36138
Project Name	Real Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Team Lead:rohith   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	ganesh karunakaran soma sekhar
Sprint-1		USN-2	Image preprocessing	8	Medium	ganesh karunakaran soma sekhar
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	10	High	soma sekhar ganesh karunakaran
Sprint-2		USN-4	Training the image classification model using CNN	7	Medium	karunakaran ganesh soma sekhar
Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	9	High	karunakaran ganesh soma sekhar

| Sprint-4 | Implementation of the application | USN-6 | Converting the input sign language images into English alphabets | 8 | Medium | ganesh karunakaran soma sekhar |

Project Tracker, Velocity & Burndown Chart: (4 Marks)
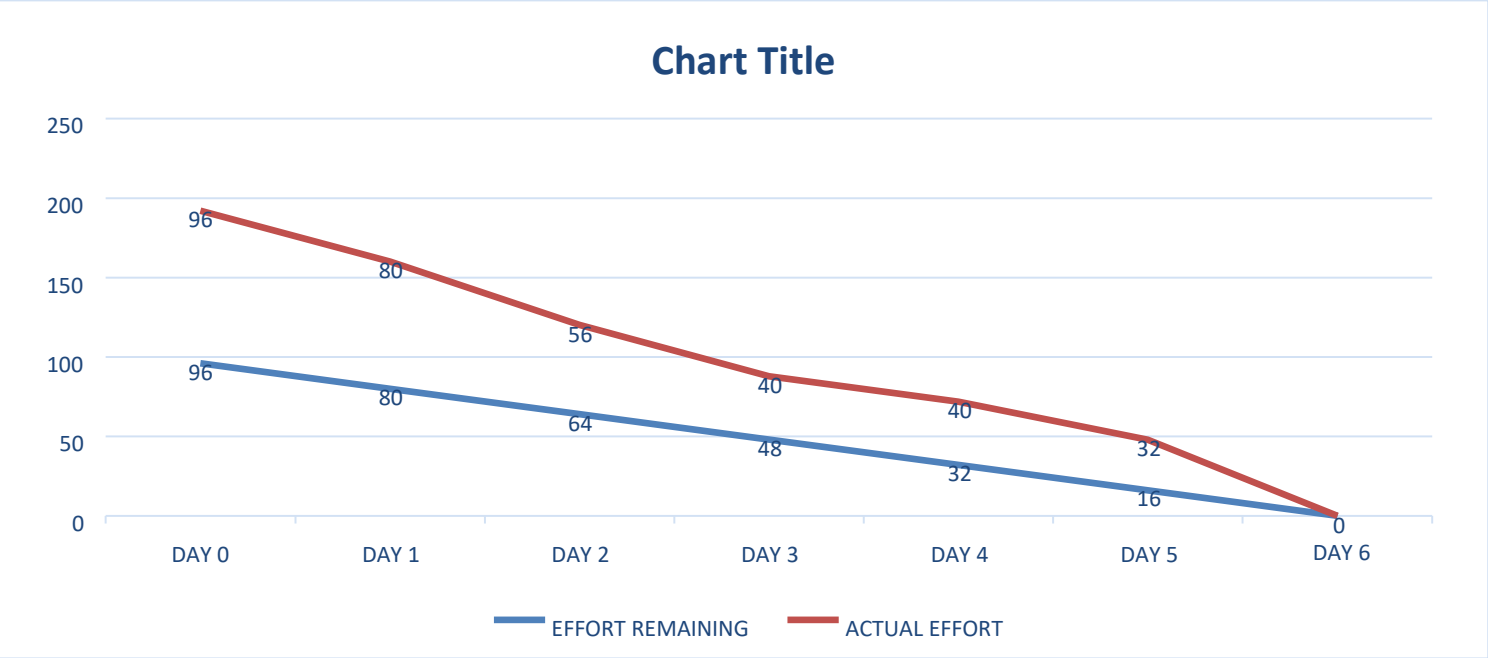
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	6 Days	24 Oct 2022	29 Oct 2022	8	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	04 Nov 2022	5	04 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	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 = 6/10 = 0.6

Burndown chart:

Chart Title

Legend: — EFFORT REMAINING — ACTUAL EFFORT

Effort Remaining: 96, 80, 64, 48, 32, 16, 0
Actual Effort: 96, 80, 56, 40, 40, 32, 0

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

SPRINT BURNDOWN CHART: