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

Date	7 November 2022
Team ID	PNT2022TMID01172
Project Name	Project - Real Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

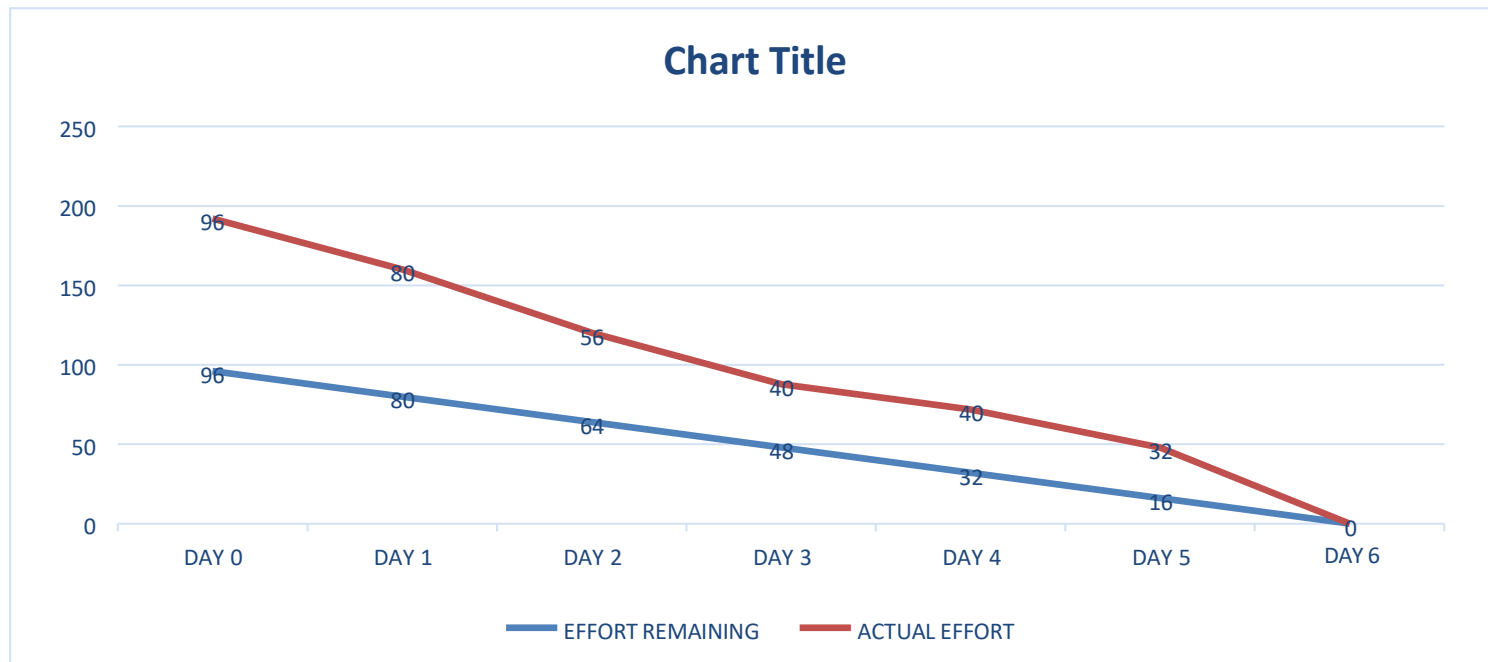**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

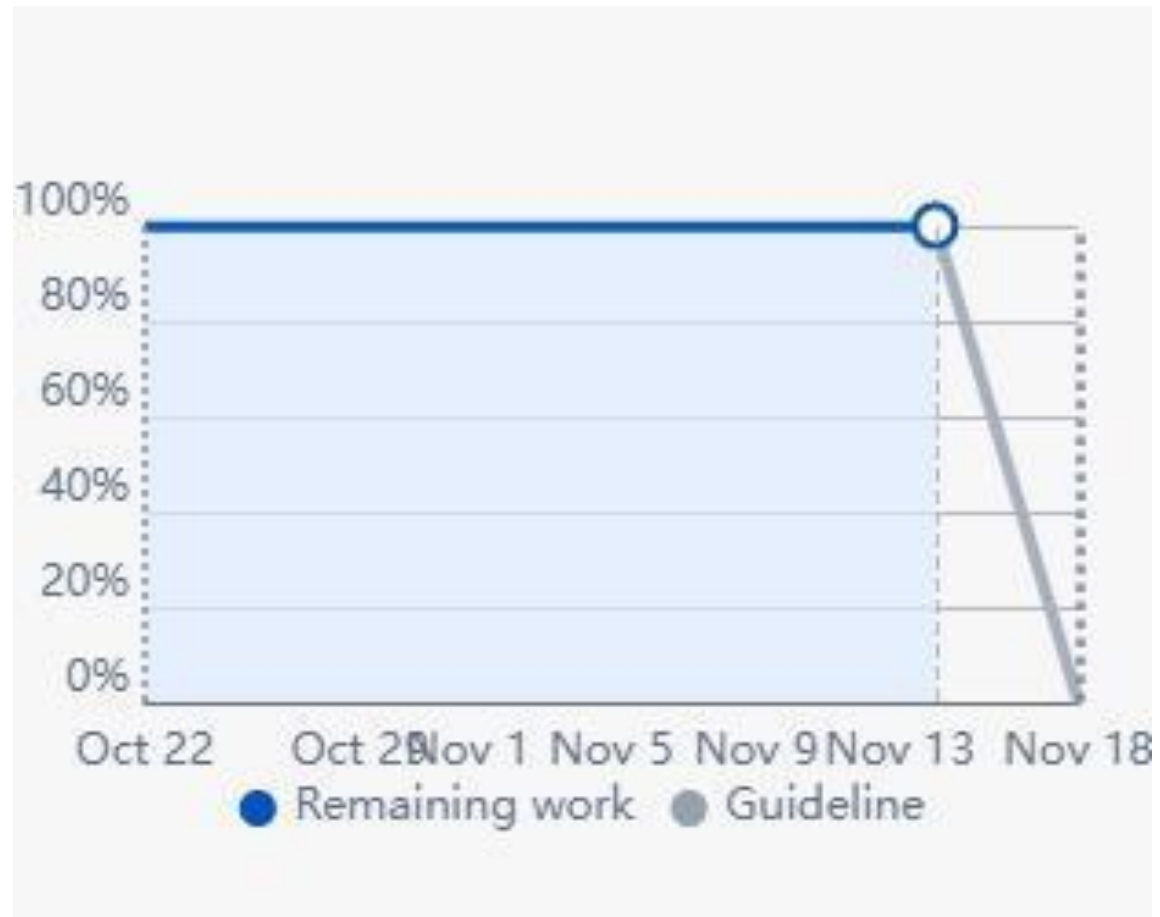| Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Collect the dataset from alphabet A to Z.	2	Medium	Harish Kumar
Sprint-1	Training Dataset	USN-2	Train the collected dataset to identify the alphabet	3	High	Stanley Deivanayagam N
Sprint-2	Testing the trained model	USN-3	To check whether the data got trained we do the testing for the trained model	1	low	Sachin Prakash Raj. R
Sprint-2	Saving the text	USN-4	Capture each alphabet and form it as a text and saving it	2	Medium	Sajith. M
Sprint-3	Building application	USN-5	Build the flask application and Html page	3	High	Sajith. M
Sprint-4	Integrate flask with test code	USN-6	Integrate the flask application with the test code	2	Medium	.Sachin Prakash Raj. R, Harish Kumar
Sprint-4	Convert text to speech	USN-7	After capturing the text in the application convert to speech	3	High	Sajith. M, Stanley Deivanayagam N

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	16	6 Days	4 Nov 2022	10 Nov 2022	5	10 Nov 2022
Sprint-2	16	6 Days	6 Nov 2022	12 Nov 2022	3	11 Nov 2022
Sprint-3	16	6 Days	9 Nov 2022	15 Nov 2022	3	13 Nov 2022
Sprint-4	16	6 Days	12 Nov 2022	18 Nov 2022	5	15 Nov 2022

Burndown chart:

SPRINT BURNDOWN CHART:

Velocity:

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

AV = 6/10 = 0.6