

## Project Planning Phase

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

Date	14 November 2022
Team ID	PNT2022TMID33352
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 Dataset.	9	High	Mohanapriya C, Kavipriya G, Moulika P, Keerthana P.T
Sprint-1		USN-2	Image pre-processing	8	Medium	Mohanapriya C, Kavipriya G, Moulika P, Keerthana P.T
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	10	High	Mohanapriya C, Kavipriya G, Moulika P, Keerthana P.T

Sprint-2		USN-4	Training the image classification model using CNN	7	Medium	Mohanapriya C, Kavipriya G, Moulika P, Keerthana P.T
Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	9	High	Mohanapriya C, Kavipriya G, Moulika P, Keerthana P.T
Sprint-4	Implementation of the application	USN-6	Converting the input sign language images into English alphabets	8	Medium	Mohanapriya C, Kavipriya G, Moulika P, Keerthana P.T

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

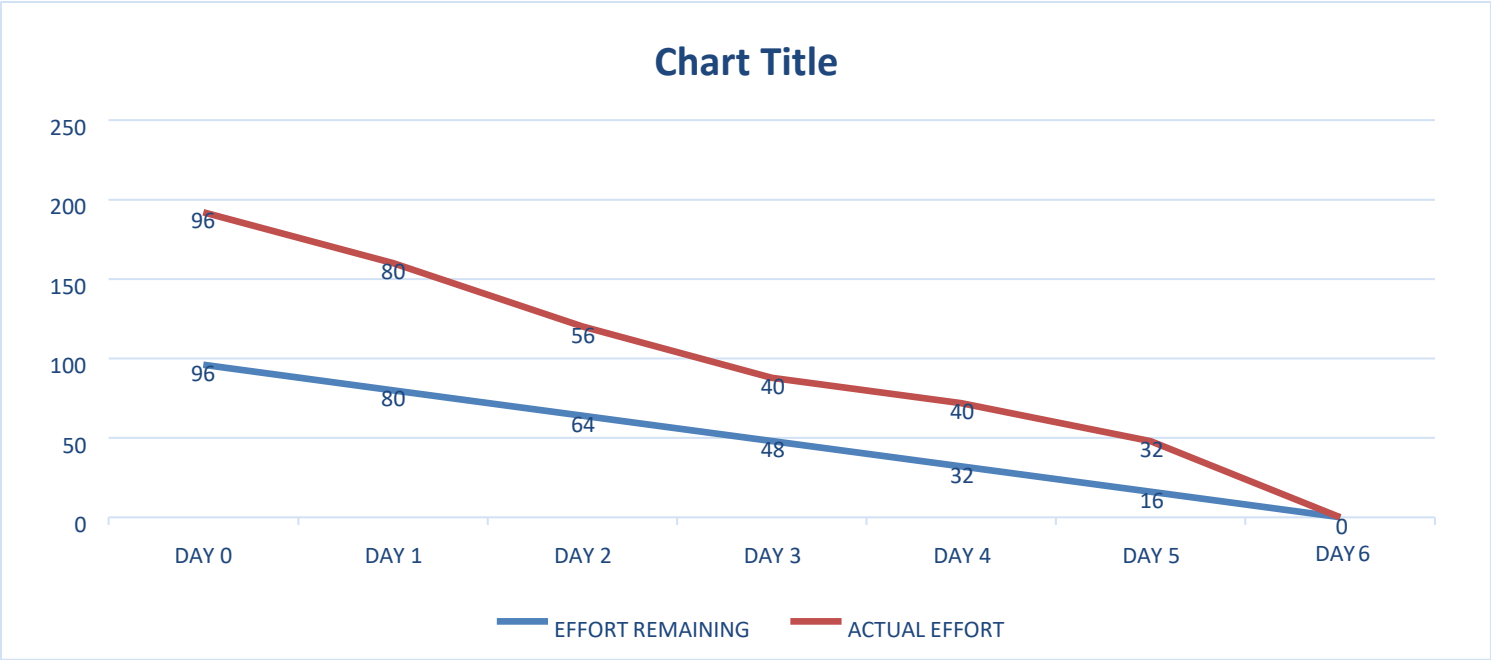
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	6 Days	22 Oct 2022	27 Oct 2022	8	27 Oct 2022
Sprint-2	10	6 Days	28 Oct 2022	02 Nov 2022	5	02 Nov 2022
Sprint-3	10	6 Days	05 Nov 2022	09 Nov 2022	7	09 Nov 2022
Sprint-4	10	6 Days	12 Nov 2022	18 Nov 2022	5	18 Nov 2022

**Velocity:**

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

**AV    = 6/10 = 0.6**

**Burndown chart:**



**SPRINT BURNDOWN CHART:**

