

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID28925
Project Name	Project - Real Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation :

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	AISHWARYA K
Sprint-1	Data Collection	USN-2	Data set details	8	Medium	DIVYA PRIYA R
Sprint-1	Image Pre-processing	USN-3	Apply image generator functionality and import image data library to configure.			FAHIMA SHREEN S
Sprint-2	Model Building	USN-4	Import the required libraries, add the necessary layers and compile the model	10	High	AISHWARYA K
Sprint-2	Model training	USN-5	Model training	7	Medium	ABINAYA S,KERTHANA K
Sprint-3	Training and Testing	USN-6	Building the model and testing with data	9	High	FAHIMA SHREEN S , DIVYA PRIYA R

Sprint-3	Implementation of the application	USN-7	Test and training of Model data	8	Medium	KEERTHANA K
Sprint-4	Testing the Model	USN-8	Model Testing with software	8	High	ABINAYA S

Project Tracker, Velocity & Burndown Chart:

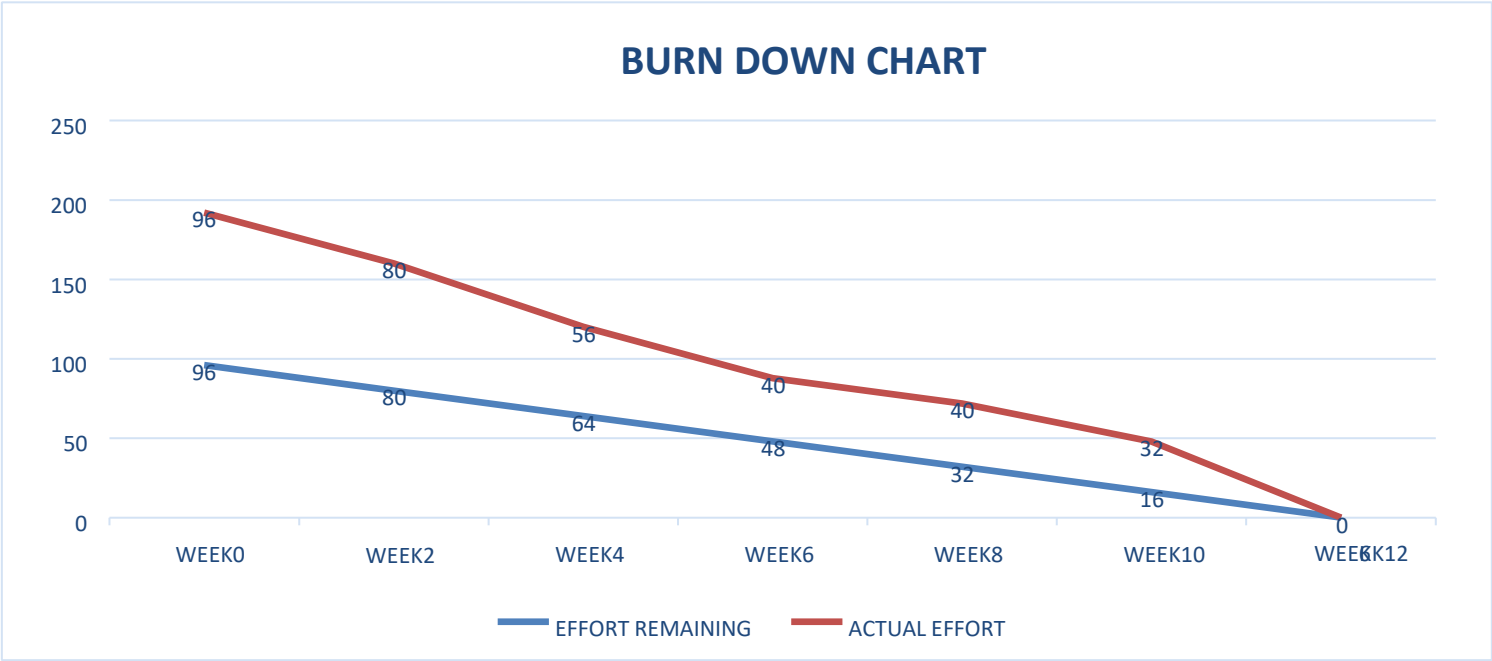
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	10	6 Days	24 Oct 2022	29 Oct 2022	8	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	04 Nov 2022	5	04 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	11 Nov 2022	7	11 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	18 Nov 2022	5	18 Nov 2022

Velocity:

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

$$AV = 6/10 = 0.6$$

Burndown chart:



SPRINT BURNDOWN CHART:

