

## Project Planning Phase

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

Date	05 NOV 20022
Team ID	PNT2022TMID37513
Project Name	-Real Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

### Product Backlog, Sprint Schedule, and Estimation

**Team Lead: HARIKESH.S**

Use the below template to create product backlog and sprint s

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

Sprint	Functional Requirement (Epic)	User Story / Task-	Story Points	Priority	Team Members
Sprint-1	Data Collection	Collect Dataset .	9	High	HARIKESH.S
Sprint-1		Image preprocessing	8	Medium	HARIKESH.S
Sprint-2	Model Building	Import the required libraries, add the necessary layers and compile the model	10	High	PRINCE RAJ
Sprint-2		Training the image classification model using CNN	7	Medium	PRINCERAJ
Sprint-3	Training and Testing	Training the model and testing the model's performance	9	High	ALIN
Sprint-4	Training and Testing	Converting the input sign language images into English alphabets	8	Medium	CIJO JOHN

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:

