

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

Date	27 October 2022
TeamID	PNT2022TMID33994
Project Name	Real Time Communication System Powered by AI for Specially Abled
Maximum Marks	8 Marks

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

Sprint	Functional Requireme nt(Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	USN-1	Collect Dataset .	9	High	Brintha,sweety
Sprint-1		USN-2	Image preprocessing	8	Medium	Brintha,Sweety
Sprint-2	Model Building	USN-3	Import the required libraries, add the necessary layers and compile the model	10	High	Babys,Ribisha

Sprint-2		USN-4	Training the image classification model using CNN	7	Medium	Babys, Ribisha
Sprint-3	Training and Testing	USN-5	Training the model and testing the model's performance	9	High	Ribisha, Brintha
Sprint-4	Implementation of the application	USN-6	Converting the input sign language images into English alphabets	8	Medium	Babys, Sweety

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	20	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	10	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

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

$$AV = 6/10 = 0.6$$