

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID16097
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	Dataset was collected.	9	High	Madhumitha
Sprint-1	Data Collection	USN-2	Dataset details.	8	High	Sathwvika Priya
Sprint-1	Image pre-processing	USN-3	Apply image generator functionality and import image data library to configure.			Nalina
Sprint-2	Model building	USN-4	Import the necessary libraries, add layers and compile the model.	9	High	Lekhanjali
Sprint-2	Train the model	USN-5	Model training	8	Medium	Nalina
Sprint-3	Train and test the model	USN-6	Test the model with data	9	High	Lekhanjali
Sprint-3	Test the application	USN-7	Test and training of model data	8	Medium	Sathwvika Priya
Sprint-4	Test the model	USN-8	Model testing	8	Medium	Madhumitha

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	20	6 Days	24 Oct 2022	29 Oct 2022	8	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	6	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	4	19 Nov 2022

Velocity:

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}}$$
$$= 6/10 = 0.6$$