

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID43954
Project Name	Project–Real Time Communication System Powered by AI for Specially Abled
MaximumMarks	8 Marks

Product Backlog, SprintSchedule,and Estimation(4Marks)

Use the below templateto createproduct backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User input	USN-1	As a user, I can input thecaptured video or text and waiting for validation.	2	High	Syed Abbas, Vignesh, Maheshkumar
Sprint-2	Feature extraction	USN-1	Here system can extract feature using heuristic and visual similarity approach.	1	High	Priyanga, Suba
Sprint-3	Prediction	USN-1	Here the Model willpredict the hand sign gestures using DeepLearning algorithms	2	High	Priyanga, Maheshkumar, Suba
Sprint-4	Classifier	USN-1	Here it will send all the model output to classifier in order to produce finalresult	2	High	Syed Abbas, Vignesh

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	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022

Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022
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Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{20}{10} = 2$$