

Project Planning Phase

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

Date	26 October 2022
Team ID	PNT2022TMID51236
Project Name	REAL TIME COMMUNICCCATION SYSTEM FOR SPECIALLY AIDED PEOPLE
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	Collect and create the data set related to the objective	2	High	D.JAILAKSHMAN
Sprint-1	Image processing	USN-2	Do image processing in this step	1	high	S.Karthikeyan
Sprint-2	Adding layers	USN-3	Adding layers in the model by import layer libraries	1	high	D.Jailakshman
Sprint-2	Model building	USN-4	Build the model	1	medium	C.Ajay Murugan
Sprint-3	Test the model	USN-5	Testing the build model	1	medium	D.Jailakshman
Sprint-3	Preprocess and predict	USN-6	User can recognize the gesture , User can predict the image	1	medium	R.Dhinesh Kumar
Sprint-4	Application development	USN-7	Develop the application for user interface	1	high	D.Jailakshman

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

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)

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

Burndown chart: