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

Date	26 October 2022
Team ID	PNT2022TMID51228
Project Name	REAL TIME COMMUNICCATION 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	P.NAVITHA
Sprint-1	Image processing	USN-2	Do image processing in this step	1	high	C.Lalitha
Sprint-2	Adding layers	USN-3	Adding layers in the model by import layer libraries	1	high	P.Sakthipriya
Sprint-2	Model building	USN-4	Build the model	1	medium	N.Dhanas sree
Sprint-3	Test the model	USN-5	Testing the build model	1	medium	P.Sakthipriya
Sprint-3	Preprocess and predict	USN-6	User can recognize the gesture , User can predict the image	1	medium	S.Kalaivani
Sprint-4	Application development	USN-7	Develop the application for user interface	1	high	P.Sakthipriya

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)

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

Burndown chart: