Project Planning Phase

Date	21October 2022
Team ID	PNT2022TMID01529
Project Name	A Gesture Based Tool For Sterile Browsing of Radiology Images

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Launching Software	USN-1	As a user, I can launch the developed software.	1	Low	Kishor G Pravin Raj PR Shanmugaasaran D Akil Krushnan A
Sprint-1	Access UI	USN-2	As a user, I can use the software and operate on the UI	1	Medium	Kishor G Pravin Raj PR Shanmugaasaran D Akil Krushnan A
Sprint-2	Launching camera	USN-3	As a user, I can open the camera from the software to perform gestures	1	Low	Kishor G Pravin Raj PR Shanmugaasaran D Akil Krushnan A
Sprint-2	Upload images fromlocal system	USN-4	As a user, I can upload images to the software from the local system	2	Low	Kishor G Pravin Raj PR Shanmugaasaran D Akil Krushnan A
Sprint-3	Perform Gestures	USN-5	As a user, I can perform various gestures with respect to system specification for processing.	2	Medium	Kishor G Pravin Raj PR Shanmugaasaran D Akil Krushnan A
Sprint-4	Display output	USN-6	As a user, I can see the sterile browsed image with respect to the gestures performed, displayed on the screen	2	High	Kishor G Pravin Raj PR Shanmugaasaran D Akil Krushnan A

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)

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