Project Planning Phase

Date	29 October 2022
Team ID	PNT2022TMID48800
Project Name	A Gesture-based Tool for SterileBrowsing of Radiology Images
Maximum Marks	8 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	Hari Prasad J Dinesh S Gopala Krishnan K Santhosh Sivan S
Sprint-1	Access UI	USN-2	As a user, I will use the software and operate on the UI	1	Medium	Hari Prasad J Dinesh S Gopala Krishnan K Santhosh Sivan S
Sprint-2	Launching Camera	USN-3	As a user, I can open the camera from the software to perform gesture	1	Low	Hari Prasad J Dinesh S Gopala Krishnan K Santhosh Sivan S
Sprint-2	Upload images from local system	USN-4	As a user, I can upload images to the software from the local system	2	Low	Hari Prasad J Dinesh S Gopala Krishnan K Santhosh Sivan S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Perform gestures	USN-5	As a user, I can perform various gesture with respect to system specification for processing	2	Medium	Hari Prasad J Dinesh S Gopala Krishnan K Santhosh Sivan S
Sprint-4	Output	USN-6	As a user. I can see the sterile browsers image with respect to the gesture performed, display on the screen	2	High	Hari Prasad J Dinesh S Gopala Krishnan K Santhosh Sivan S

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	30 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	15 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)

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