

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	11 November 2022
Team ID	PNT2022TMID43786
Project Name	A Gesture-based Tool for Sterile Browsing of Radiology Image
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	Application/Software Launch	USN-1	As a user, I can launch the developed application/software	1	Medium	Pravinkumar.M Mohammed Sulthan.A Amarnath.A Samuvel.M
Sprint-1	Accessing the User Interface (UI)	USN-2	As a user, I can interact with software and operate the application with the help of UI	1	Medium	Pravinkumar.M Mohammed Sulthan.A Amarnath.A Samuvel.M
Sprint-2	Launching the webcam/camera	USN-3	As a user, I can open the webcam/camera from the application to perform gestures	1	Low	Pravinkumar.M Mohammed Sulthan.A Amarnath.A Samuvel.M
Sprint-2	Upload images from local system for	USN-4	As a user, I can upload images to the application from local system for manipulation	2	Low	Pravinkumar.M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	manipulation					Mohammed Sulthan.A Amarnath.A Samuvel.M
Sprint-3	Manipulating images through gestures	USN-5	As a user, I can perform various gestures with respect to system specification to manipulate the images	2	Medium	Pravinkumar.M Mohammed Sulthan.A Amarnath.A Samuvel.M
Sprint-4	Display the result/output	USN-6	As a user, I can see the sterile browsed/manipulated image on the screen with respect to the gesture performed	2	High	Pravinkumar.M Mohammed Sulthan.A Amarnath.A Samuvel.M

#### 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	11 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	16 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	16 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

**Velocity:**

Here it is a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). The team's average velocity (AV) per iteration unit (story points per day) is

$$AV = \text{sprint duration} / \text{velocity} = 20 / 6 = 3$$