

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID15559
Project Name	Project – A gesture based tool for sterile browsing of Radiology images
Maximum Marks	8 Marks

#### 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	User Interface Building	USN-1	As a user, I can use this website easily	10	Medium	Sharusha S Priyadharshini P Swathi J Pyda Nandhini P
Sprint-3	Additional Function	USN-2	As a user, I can use this website to blur the image and its really amazing	10	Low	Sharusha S Priyadharshini P Swathi J Pyda Nandhini P
Sprint-2	Deployment of AI model in the cloud	USN-3	As a user I love to use a web app for human computer interaction	20	High	Sharusha S Priyadharshini P Swathi J Pyda Nandhini P
Sprint-1	User Interface Building	USN-4	I think need better user interface for mobile	10	Low	Sharusha S Priyadharshini P Swathi J Pyda Nandhini P
Sprint-4	Additional Function	USN-5	Need some additional function like crop	10	Low	Sharusha S Priyadharshini P Swathi J Pyda Nandhini P

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Deployment of AI model in the cloud	USN-6	As a user, I think the website need to faster in back end processing	20	High	Sharusha S Priyadharshini P Swathi J Pyda Nandhini P
Sprint-4	Prediction	USN-7	As a user, I can get the predicted results from the model deployed in the cloud	20	High	Sharusha S Priyadharshini P Swathi J Pyda Nandhini P

#### 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	26 Oct 2022	31 Oct 2022	20	31 Oct 2022
Sprint-2	20	6 Days	01 Nov 2022	07 Nov 2022	20	07 Nov 2022
Sprint-3	20	6 Days	08 Nov 2022	13 Nov 2022	20	13 Nov 2022
Sprint-4	20	6 Days	15 Nov 2022	20 Nov 2022	20	20 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)

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