

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID13061
Project Name	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	Launching Software	USN-1	As a user, I can launch the developed software.	10	Low	Cherish R Deepikashree P Jayaprakash S Nandish M
Sprint-1	Access UI	USN-2	As a user, I can use the software and operate on the UI.	10	Medium	Cherish R Deepikashree P Jayaprakash S Nandish M
Sprint-2	Perform Gestures	USN-3	As a user, I can perform various gestures with respect to system specification for processing.	20	Medium	Cherish R Deepikashree P Jayaprakash S Nandish M
Sprint-3	Launching Camera	USN-4	As a user, I can open the camera from the software to perform gestures.	10	Low	Cherish R Deepikashree P Jayaprakash S Nandish M
Sprint-3	Uploading Images	USN-5	As a user, I can upload images to the software from the local system.	10	Low	Cherish R Deepikashree P Jayaprakash S Nandish M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Deployment of AI model in the cloud	USN-6	As a user, I think the website need to faster in back end processing.	20	Medium	Cherish R Deepikashree P Jayaprakash S Nandish 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	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:

we have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint).

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

Burndown Chart:

