

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID30121
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	4	High	Goghul JP
		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	Medium	Kaviraja AS
	Login	USN-3	As a user, I can log into the application by entering email & password	3	Medium	Chandiramohan R
Sprint-2	Dashboard	USN-4	As a user I can get the details and introduction of the application from Introduction page	4	Medium	Arun GR
		USN=5	As a user I can Perform my Hand signal operations on launch page	4	Medium	Manoj R
Sprint-3	Apply	USN-6	I can upload a input image to get prediction result of my actions	6	High	Kaviraja AS
		USN-7	As a user I want to show my hand actions on the region of interest through camera	8	High	Chandiramohan R
Sprint-4	Result	USN-8	As a user I needed to get the actual output for my actions performed	8	High	Arun GR
		USN-9	As a user I get the result as resized input image (blur,resize,flip) based on my hand signals	9	High	Manoj R

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	10	6 Days	22 Oct 2022	27 Oct 2022		29 Oct 2022
Sprint-2	8	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	14	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	17	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

Sprint – 1 : The Average Velocity (AV):

$$AV = \text{Sprint Duration} / \text{Velocity} = 10 / 6 = 1.6$$

Sprint – 2 : The Average Velocity (AV):

$$AV = \text{Sprint Duration} / \text{Velocity} = 8 / 6 = 1.3$$

Sprint – 3 : The Average Velocity (AV):

$$AV = \text{Sprint Duration} / \text{Velocity} = 14 / 6 = 2.3$$

Sprint – 4 : The Average Velocity (AV):

$$AV = \text{Sprint Duration} / \text{Velocity} = 17 / 6 = 2.8$$

Burndown Chart:

