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

Date	25 October 2022
Team ID	PNT2022TMID29456
Project Name	A Gesture based Tool for Sterile Browsing of Radiology Images
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	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.	High	Parthiban , Pouvan shankar
		USN-2	As a user, I will receive confirmation email once I have registered for the application	High	Pragadeeshwaran , Ashok kumar
		USN-3	As a user, I can register for the application through Facebook	Low	Parthiban , Hari shankar
		USN-4	As a user, I can register for the application through Gmail	Medium	Pouvan shankar , Ashok kumar
Sprint 2	Login	USN-5	As a user, I can log into the application by entering email & password	High	Pragadeeshwaran , Parthiban
	Dashboard	USN-6	As a user, I can view my profile and update my details	Medium	Parthiban , Hari shankar

		USN-7	As a user, I can view all images uploaded	High	Pouvan Shankar, Ashok kumar
		USN-8	As a user, I can change my password	High	Parthiban , Pragadeeshwaran
Sprint-3	Image Capturing	USN-9	As a user, I can capture images of hand gestures made by me	High	Hari shankar , Ashok kumar
	Image Processing	USN-10	In the application, the captured images are processed to identify the hand gesture	High	Pragadeeshwaran , Hari shankar
	Data Storage	USN-11	In the application radiology images uploaded by the user are stored using a database	High	Pragadeeshwaran , Ashok kumar
Sprint-4	Sterile Browsing	USN-12	Depending on the different gesture inputs different operations are performed on the input image	High	Pouvan Shankar , Parthiban
	Displaying the operations performed	USN-13	Once the model analyses the gesture, the prediction with operation applied on the image is showcased on the user interface	High	Ashok kumar, Parthiban , Hari shankar

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	30 Oct 2022	20	30 Oct 2022
Sprint-2	20	6 Days	01 Nov 2022	06 Nov 2022	20	06 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)

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