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

Date	18 October 2022
Team ID	PNT2022TMID22258
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	Image Pre-processing	USN-1	As a user, I need to format images in order to predict the images	20	High	**Rebecca Aalthea Dsouza Sanjitha S Snega B Ilakkiya R Monica Y**
Sprint-2	Model Building	USN-1	As a user, I require an AI model which could classify or recognize the hand gestures	10	Medium	**Rebecca Aalthea Dsouza Sanjitha S Snega B Ilakkiya R Monica Y**
Sprint-2	Deployment of AI Model	USN-4	As a user, I require the model to be accessible to everyone around the globe	10	High	**Rebecca Aalthea Dsouza Sanjitha S Snega B Ilakkiya R Monica Y**
Sprint-3	Access User Interface	USN-2	As a user, I need a web application for human computer interaction	10	Medium	**Rebecca Aalthea Dsouza Sanjitha S Snega B Ilakkiya R Monica Y**

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Web Application Deployment	USN-3	As a user, I need the web application to be accessible to everyone	10	Medium	**Rebecca Aalthea Dsouza Sanjitha S Snega B Ilakkiya R Monica Y**
Sprint-4	Launch Web Application Deployed in the Cloud	USN-5	As a user, I need to launch the web application	20	High	**Rebecca Aalthea Dsouza Sanjitha S Snega B Ilakkiya R Monica Y**

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Note : The dates and story points will be updated after once the project development phase is completed.

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

Average 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)

$$AV = \frac{sprint\ duration}{velocity} = 20/6 = 3.33$$

Burndown Chart*:

*Will be added once the project development sprint starts