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

Date	20 November 2022
Team ID	PNT2022TMID15152
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)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Model Building	USN-5	As a user, I need an AI model which could classify or recognize the hand gestures	10	Medium	AJITHA K M HARITHA S DHARSHINI V AARTHI V
Sprint-2	User Interface Building	USN-6	As a user, I need a web app for human computer interaction	10	Medium	AJITHA K M HARITHA S DHARSHINI V AARTHI V
Sprint-3	Deployment of webapp in the cloud	USN-3	As a user, I need the webapp to be accessible all over the world	10	Medium	AJITHA K M HARITHA S DHARSHINI V AARTHI V
Sprint-3	Deployment of AI model in the cloud	USN-4	As a user, I need the AI model to be accessible all over the world	10	Medium	AJITHA K M HARITHA S DHARSHINI V AARTHI V
Sprint-4	Launch Web App deployed in cloud	USN-1	As a user, I can launch the webapp where I can upload the images for recognition	20	High	AJITHA K M HARITHA S DHARSHINI V AARTHI V

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Prediction	USN-2	As a user, I can get the predicted results from the model deployed in the cloud	20	High	AJITHA K M HARITHA S DHARSHINI V AARTHI V

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

Note: - The dates and the story points will be updated later during the project development phase

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	24 Oct 2022	29 Oct 2022	20	29 oct 2022
Sprint-2	10	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	40	6 Days	14 Nov 2022	19 Nov 2022	20	19 nov 2022

Average Velocity:

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

Burndown Chart*:

*Will be added once the project development sprint starts