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

Team ID	PNT2022TMID26953
Project Name	Project - A Gesture-based Tool for Sterile Browsing of Radiology Images.

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	Data Collection	USN-1	To download the data and apply image preprocessing on the data. Import the library, ImageDataGenerator, and configure that class	2	High	Joe Lillian J Hariharan P Harish V Lokesh Kumar
Sprint-2	Model Building	USN-2	Importing the necessary Model Building Libraries and initialize the model	1	High	Joe Lillian J Hariharan P Harish V Lokesh Kumar
Sprint-3	Application Building	USN-3	Create HTML Pages and build a python code and then run the application	2	Medium	Joe Lillian J Hariharan P Harish V Lokesh Kumar
Sprint-4	Train The Model on IBM	USN-4	To train the model on IBM and integrate it with the flask Application.	2	High	Joe Lillian J Hariharan P Harish V Lokesh Kumar

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	15	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	10	14 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	5	20 Nov 2022

Velocity:

$$Team\ Velocity = \frac{\Sigma\ Sprint\ 1\ +\ Sprint\ 2 + \cdots}{Total\ Sprint} = \frac{20 + 15 + 10 + 5}{4} = 12.5$$

$$AV = \frac{Team\ Velovity}{Duration} = \frac{12.5}{6} = 2.08$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.