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

Date	22 October 2022
Team ID	**PNT2022TMID22259**
Project Name	A Gesture Based tool for SterileBrowsing 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	**Rohith R** **Meril Akash** **Someshwaran U** **Mohammad Musharaf Z**
Sprint-2	User Interface Building	USN-6	As a user, I need a web app for human computer interaction	10	Medium	**Rohith R** **Meril Akash** **Someshwaran U** **Mohammad Musharaf Z**
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	**Rohith R** **Meril Akash** **Someshwaran U** **Mohammad Musharaf Z**
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	**Rohith R** **Meril Akash** **Someshwaran U** **Mohammad Musharaf Z**

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	Rohith R Meril Akash Someshwaran U Mohammad Musharaf Z
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	Rohith R Meril Akash Someshwaran U Mohammad Musharaf Z

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:

$$AV = \frac{Sprint\ Duration}{Velocity} = {20}/{6} = 3.33$$

Burndown Chart*:

Date - November 7th, 2022 - November 12th, 2022
Sprint goal - Flask

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate
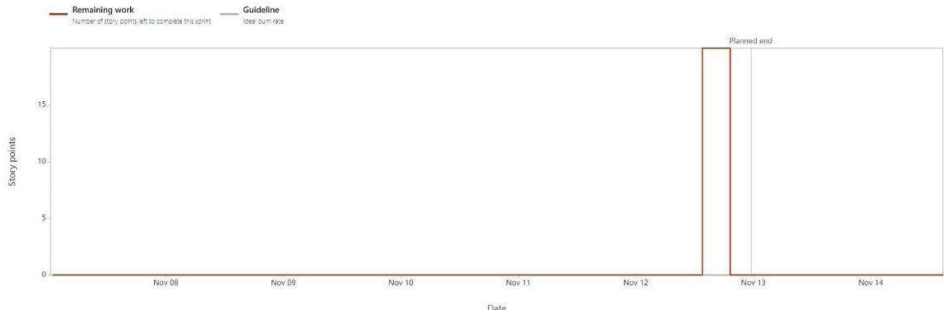
Date - November 14th, 2022 - November 19th, 2022
Sprint goal - Deployment

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate
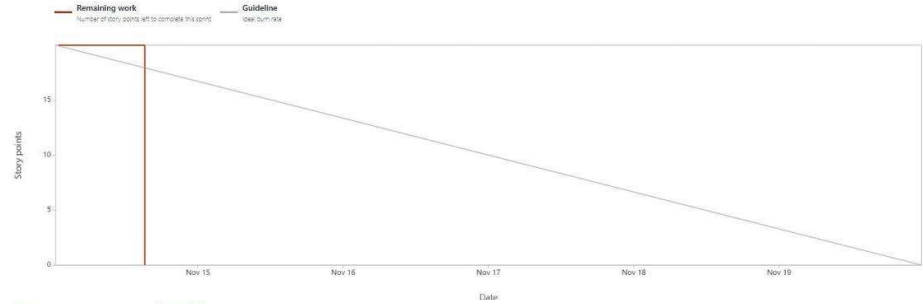
Date - October 31st, 2022 - November 5th, 2022
Sprint goal - Model Building

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate