Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Story Points)

Date	11 November 2023
Team ID	Team-592127
Project Name	Deep Learning Model For Detecting Diseases In Tea Leaves
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
Sprint1	Registration	USN-1	As a user, I want to fill my details like name, mail id, password to sign up so that I can have access to my account whenever I need.	3	High	Pavan
Sprint1	Password Recovery	USN-2	As a user, I want the option to recover my account password in case I forget it, to regain access to my account.	3	High	Pavan
Sprint1	Access Account History	USN-3	As a user, I want to view my account activity and transaction history to track my usage and monitor any changes or activities within my account.	2	High	Lokesh
Sprint1	Model Customization	USN-4	As a data scientist, I want the ability to customize and fine-tune the deep learning model parameters for optimal performance.	2	High	Pavan
Sprint2	Results Visualization	USN-5	As farmer, I want a visual representation of the disease detection results to facilitate decision-making.	2	Medium	Lokesh
Sprint2	Mobile Accessibility	USN-6	As an agricultural researcher/farmer, I want to access the disease detection model on my mobile device for on-the-go monitoring.	3	Medium	Lokesh

| Sprint2 | Model Maintenance | USN-7 | As a system administrator, I want tools to monitor and maintain the health of the deep learning model over time. | 3 | Medium | Pavan |
| Sprint3 | Real-time Prediction | USN-8 | As a farmer, I want the ability to get real-time predictions for disease detection on live camera feed. | 1 | Low | Lokesh |

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 Date)	Sprint Release Date (Actual)
Sprint1	10	5 Days	7 Nov 2023	12 Nov 2023	10	12 Nov 2023
Sprint2	8	4 Days	13 Nov 2023	17 Nov 2023	8	17 Nov 2023
Sprint3	1	1 Day	18 Nov 2023	18 Nov 2023	1	18 Nov 2023

Velocity:

Average Velocity (Sprint 1) = Sprint Duration/velocity = 10/5 = 2

Average Velocity (Sprint 1) = Sprint Duration/velocity = 8/4 = 2

Average Velocity (Sprint 1) = Sprint Duration/velocity = 1/1 = 1

Total Average Velocity = 2

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.

Sprint burndown

BETA

0 points done, 7 points to go

● Remaining work ● Guideline
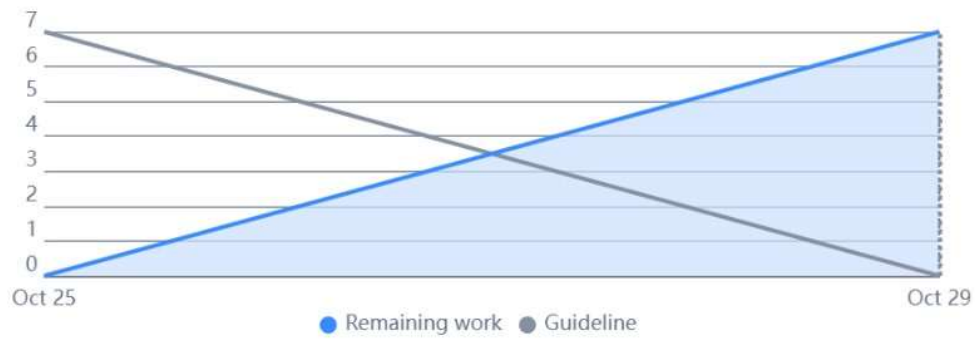
Your sprint scope has increased by **7 points**

Added	Removed	Modified
0 points	**0** points	**+ 7** points
⬆ 5 issues	⬇ 0 issues	⚠ 5 issues

Sprint progress

30% done

Done	In progress	Not started
30%	**30%**	**40%**

**** THANK YOU ****