Project Planning Phase

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

Date	09 November 2023
Team ID	592290
Project Name	**GreenClassify: Deep Learning-Based Approach For Vegetable Image Classification**
Maximum Marks	4 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	Registration	USN-1	I can upload vegetable images for training the system.	3	High	
Sprint-1		USN-2	I need the system to preprocess the images for training.	2	High	
Sprint-2		USN-3	I want to train a Convolutional Neural Network (CNN) model.	2	Medium	
Sprint-1		USN-4	I need to analyze feedback and improve the model.	2	Low	
Sprint-1	Dataset					
	Cloud System					

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	10	5 Days	25 Oct 2023	30 Oct 2023	10	30 Oct 2023
Sprint-2	20	15 Days	1st Nov 2023	15 Nov 2023		

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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts