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

Date	18 October 2022
Team ID	PNT2022TMID17425
Project Name	Fertilizer Recommendation System for Disease Prediction
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	Image Processing	USN-1	As a user, I can process and retrieve the useful information about the images.	1	Low	Karthikeyan/ Shankar
Sprint-2	Model Building for Fruit Disease Prediction	USN-2	As a user, I can be able to predict fruit disease using this model.	1	Medium	Gokul Prasath/ Karthikeyan
Sprint-2	Model Building for Vegetable Disease Prediction	USN-3	As a user, I can be able to predict vegetable disease using this model.	2	Medium	Karthikeyan/ Karthikeyan
Sprint-3	Application Building	USN-4	As a user, I can see a web page for Fertilizers Recommendation System for Disease Prediction.	2	High	Gokul Prasath/ Karthikeyan/ Shankar/ Karthikeyan
Sprint-4	Run the Model on IBM Cloud	USN-5	As a user, I can save the information about Fertilizer and crops on IBM cloud.	2	High	Gokul Prasath/

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Karthikeyan/ Shankar/ Karthikeyan

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	20	04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	10 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	17 Nov 2022

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)

Average Velocity (AV) = 20/4 = 5