

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

Date	25 October 2022
Team ID	PNT2022TMID08244
Project Name	FERTILIZER RECOMMENDATION SYSTEM FOR DISEASE PREDICTION
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
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Niranjana V Ashwak A Sunil A Rogan Aravindh V
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Niranjana V Ashwak A Sunil A Rogan Aravindh V
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	High	Niranjana V Ashwak A Sunil A Rogan Aravindh V
Sprint-2	User Dashboard	USN-4	As a user, I can view the page of the application where I can upload my images which predicts the diseases and provides the fertilizers.	5	High	Niranjana V Ashwak A Sunil A Rogan Aravindh V

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Creating Web application	USN-5	A base Flask will be created as which is the Interface for our application	3	High	Niranjana V Ashwaka A Sunil A Rogan Aravindh V
Sprint-3	Model creation	USN-6	Creating a model which classifies the diseased plant from the input image	8	High	Niranjana V Ashwaka A Sunil A Rogan Aravindh V
Sprint-3	Framework Integration	USN-7	Integrate Flask, CNN model and Cloudant DB	6	High	Niranjana V Ashwaka A Sunil A Rogan Aravindh V
Sprint-4	Login	USN-8	As a admin, I can login to the website using the login credentials of the administrator	2	High	Niranjana V Ashwaka A Sunil A Rogan Aravindh V
Sprint-4	Dashboard	USN-9	As a admin, I can add new plant varieties, advanced fertilizers, weather updates and so on.	3	High	Niranjana V Ashwaka A Sunil A Rogan Aravindh V

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	7	6 Days	24 Oct 2022	29 Oct 2022	7	30 Oct 2022
Sprint-2	8	6 Days	31 Oct 2022	05 Nov 2022	8	06 Nov 2022
Sprint-3	14	6 Days	07 Nov 2022	12 Nov 2022	14	13 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	20 Nov 2022