

Project Planning Phase

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

Date	25 October 2022
Team ID	PNT2022TMID08602
Project Name	Fertilizer Recommendation System for Disease Prediction

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-1	Model Creation and Training		Create a model which can classify diseased plant and train the model for accurate results	8	High	Ranjani Santhiya Snehaka rthika Manoj
	Model Creation and Training		Create a model which can classify diseased plants from the rest of the healthy plants	2	High	Ranjani Santhiya Snehaka rthika Manoj

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-2	Model Creation and Training		Create a model which can classify diseased plants from the healthy plant	6	High	Ranjani Santhiya Snehakarthika Manoj.
	Registration	USN-1	As a user, I can register by entering my email, password, and confirming my password or via OAuth API	3	Medium	Ranjani Santhiya Snehakarthika Manoj
	Upload page	USN-2	As a user, I will be redirected to a page where I can upload my pictures of crops	4	High	Ranjani Santhiya Snehakarthika Manoj
	Suggestion results	USN-3	As a user, I can view the results and then obtain the suggestions provided by the ML model	4	High	Ranjani Santhiya Snehakarthika Manoj.
	Base Flask App		A base Flask web app must be created as an interface for the ML model	2	High	Ranjani Santhiya Snehakarthika Manoj
Sprint-3	Login	USN-4	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	High	Ranjani Santhiya Snehakarthika Manoj.
	User Dashboard	USN-5	As a user, I can view the previous results and history	3	Medium	Ranjani Santhiya Snehakarthika Manoj
	Integration		Integrate Flask, CNN model with MySql DB	5	Medium	Ranjani Santhiya Snehakarthika Manoj

Sprint-4	Dashboard (Admin)	USN-6	As an admin, I can view other user details and uploads for other purposes	2	Medium	Ranjani Santhiya Snehakarhika Manoj
	Dashboard (Shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details if any	2	Low	Ranjani Santhiya Snehakarhika Manoj

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	6 Days	24 Oct 2022	29 Oct 2022	10	30 Oct 2022
Sprint-2	15	6 Days	31 Oct 2022	05 Nov 2022	15	06 Nov 2022
Sprint-3	15	6 Days	07 Nov 2022	12 Nov 2022	15	13 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	10	20 Nov 2022

NOTE: Burndown charts, Velocity to be updated dynamically after end of sprint

