

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

DATE	10 NOVEMBER
TEAM ID	PNT2022TMID08346
PROJECT TITLE	Fertilizers Recommendation System For Disease Prediction

Product Backlog, Sprint Schedule, and Estimation :

Sprint	Function Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint - 1	Model Creation and Training (Fruits)		Create a model which can classify diseased fruit plants from given images. I also need to test the model and deploy it on IBM Cloud	8	High	Vishwanantha, sathishkumar, deva, jaya raj
	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetable plants from given images	2	High	Vishwanantha, sathishkumar, deva, jaya raj

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-2	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetable plants from given images and train on IBM Cloud	6	high	Vishwanantha, sathishkumar, deva, jaya raj
	Registration	USN-1	As a user, I can register by entering my email, password, and confirming my password or via O Auth API	3	high	Vishwanantha, sathishkumar, deva, jaya raj
	Upload page	USN-2	As a user, I will be redirected to a page where I can upload my pictures of crops	4	high	Vishwanantha, sathishkumar, deva, jaya raj
	Suggestion results	USN-3	As a user, I can view the results then obtain the suggestions provided by and the ML mode	4	high	Vishwanantha, sathishkumar, deva, jaya raj
	Base Flask App		A base Flask web app must be created as an interface for the ML model	2	high	Vishwanantha, sathishkumar, deva, jaya raj

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-3	Login	USN-4	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	high	Vishwanantha, sathishkumar, deva, jaya raj
	User Dashboard	USN-5	As a user, I can view the previous results and history	3	Medium	Vishwanantha, sathishkumar, deva, jaya raj
	Integration		Integrate Flask, CNN model with Cloud ant DB	5	Medium	Vishwanantha, sathishkumar, deva, jaya raj
	Containerization		Containerize Flask app using Docker	2	low	Vishwanantha, sathishkumar, deva, jaya raj

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-4	Dashboard (Admin)	USN-6	As an admin, I can view other user details and uploads for other purposes	2	Medium	Vishwanantha, sathishkumar, deva, jaya raj
	Dashboard (Shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details if any	2	low	Vishwanantha, sathishkumar, deva, jaya raj
	Containerization		Create and deploy Helm charts using Docker Image made before	2	low	Vishwanantha, sathishkumar, deva, jaya raj

Project Tracker, Velocity & Burn down Chart :

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