Team id: PNT2022TMID34154

FERTILIZER RECOMMENDATION SYSTEM FOR DISEASE PREDICTION

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Numbe	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	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetable plants from given images	2	High	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
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	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
	Registration	USN-1	As a user, I can register by entering my email, password, and confirming my password or via OAuth API	3	Medium	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
	Upload page	USN-2	As a user, I will be redirected to a page where I can upload my pictures of crops	4	High	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S

	Suggestion results	USN-3	As a user, I can view the results and then obtain the suggestions provided by the ML model	4	High	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
	Base Flask App		A base Flask web app must be created as an interface for the ML model	2	High	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
Sprint-3	Login	USN-4	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	High	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
		USN-5	As a user, I can view the previous results and history	3	Medium	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
	Integration		Integrate Flask, CNN model with Cloudant DB	5	Medium	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
	Containerization		Containerize Flask app using Docker	2	Low	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
Sprint-4	Dashboard (Admin)	USN-6	As an admin, I can view other user details and uploads for other purposes	2	Medium	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
	Dashboard (Shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details if any	2	Low	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S
	Containerization		Create and deploy Helm charts using Docker Image made before	2	Low	Maneesha M S ,Karthika D L ,Devi Narayani A N,Bijon Sathya S

Project Tracker, Velocity & Burndown 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	24Oct 2022	29Oct 2022	10	Oct 2022
Sprint-2	15	6 Days	31Oct 2022	5 Nov 2022	15	Nov 2022
Sprint-3	15	6 Days	07Nov 2022	12Nov 2022	15	Nov 2022
Sprint-4	12	6 Days	14Nov 2022	19Nov 2022	10	Non 2022