

## **FERTILIZERS RECOMMENDATION SYSTEM FOR DISEASE PREDICTION**

**TEAM ID : PNT2022TMID52431**

**TEAM MEMBERS : Srimathy.G  
Arivumathi.A  
Monika.A  
Aanandhi.M**

**DEPARTMENT : ECE**

**COLLEGE NAME : Annai College of Engineering and Technology**

## Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-1	Model Creation and Training (Fruits)	FRSFDP-44	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	Srimathy.G
	Model Creation and Training (Vegetables)	FRSFDP-45	Create a model which can classify diseased vegetable plants from given images	2	Medium	Arivumathi.A
Sprint-2	Model Creation and Training (Vegetables)	FRSFDP-46	Create a model which can classify diseased vegetable plants from given images and train on IBM Cloud	6	High	Aanandhi.M
	Registration	FRSFDP-47	As a user, I can register by entering my email, password, and confirming my password or via OAuth API	3	High	Srimathy.G
	Upload page	FRSFDP-48	As a user, I will be redirected to a page where I can upload my pictures of crops	4	High	Arivumathi.A
	Suggestion results	FRSFDP-49	As a user, I can view the results and then obtain the suggestions provided by the ML model	4	High	Monika.A
	Base Flask App	FRSFDP-50	A base Flask web app must be created as an interface for the ML model	2	High	Aanandhi.M
Sprint-3	Login	FRSFDP-51	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	High	Srimathy.G
	User Dashboard	FRSFDP-52	As a user, I can view the previous results and history	3	Medium	Arivumathi.A
	Integration	FRSFDP-53	Integrate Flask, CNN model with Cloudant DB	5	Medium	Srimathy.G
	Containerization	FRSFDP-54	Containerize Flask app using Docker	2	Low	Monika.A
Sprint-4	Dashboard (Admin)	FRSFDP-55	As an admin, I can view other user details and uploads for other purposes	2	Medium	Monika.A
	Dashboard (Shopkeeper)	FRSFDP-56	As a shopkeeper, I can enter fertilizer products and then update the details	2	Low	Aanandhi.M

