

## Project Planning Phase

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

Date	19 october 2022
Team ID	PNT2022TMID43230
Project Name	Fertilizers Recommendation System For Disease Prediction
Maximum Marks	

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional requirements (Epic)	User Story Number	User story/Task	Story points	Priority	Team members
Sprint-1	Model creation and training(Fruits)		Develop a model that can identify sick fruit trees from photos.	8	High	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
	Model creation and training (vegetables)		Create a model which can classify diseased vegetable plant from given images .	8	High	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
Sprint-2	Model creation and training(vegetables)		Make a model which can be trained on the IBM cloud to identify sick vegetable plants from provided photos.	6	High	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
	Registration	USN-1	As a user ,i can register by entering my email,password,and confirming my password	3	Medium	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
	Upload page	USN-2	I can sign up as a user by providing my email,password and a password confirmation .	4	High	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika

	Suggestion result	USN-3	As a user, I can view the result and then obtain the suggestions provided by the ML model	4	High	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
	Base flask app		I may observe the outcomes and then get the recommendation the ML model offers as a user.	2	High	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
Sprint-3	Login	USN-4	I can access the application as a user or shopkeeper by entering email and password	2	High	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
	User dashboard	USN-5	As a user I can view the previous result and history	3	Medium	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
	Integration		Integrate flask,CNN model with cloudant DB	5	Medium	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
Sprint-4	Dashboard (Admin)	USN-6	I can examine other user information and uploads for various purposes as an admin.	2	Medium	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
	Dashboard (shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details.	2	Low	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika
	Containerization		Using a previously created Docker image,create and deploy Helm charts.	2	Low	Kokila, Jenisha, Mathavamoorthy, Rajkumar, Karthika

## 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	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

## Roadmap:



## Screenshots:

