

# Project Planning Phase

## Sprint Delivery Plan

Date	2-11-2022
Team ID	PNT2022TMID16462
Project Name	Fertilizers Recommendation System for Disease Prediction
Maximum Marks	8mark

### Project Tracker, Velocity & Burndown Chart: (4 Marks)

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date</b>	<b>Story Points Completed (as or Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	5	26-10-22	30-10-22	10	30-10-22
Sprint-2	20	4	01-11-22	04-11-22	15	04-11-22
Sprint-3	20	5	05-11-22	09-11-22	15	09-11-22
Sprint-4	20	4	10-11-22	13-11-22	10	13-11-22

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

<b>Sprint</b>	<b>Functional Requirements (Epic)</b>	<b>User Story Number</b>	<b>User Story/Task</b>	<b>Story Points (Total)</b>	<b>Priority</b>	<b>Team Members</b>
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	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetables plants from given images	2	High	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
Sprint-2	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetables plants from given images and train on IBM Cloud	6	High	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
	Registration	USN-1	As a user, I can register by entering my email, password and confirming my password or via O Auth API	3	Medium	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
	Upload page	USN-1	As a user, I will be redirected to a page where I can upload my pictures of crops	4	High	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
	Suggestion results	USN-3	As a user, I can view the results and then obtain the suggestions provided by the ML model	4	High	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
	Base Flask App		A base Flask web app must	2	High	Harshad Hussain J

			be created as an interface for the ML model			Harip A Arunkumar S Chinna Samy C
Sprint-3	Login	USN-4	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	High	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
	User Dashboard	USN-5	As a user, I can view the previous results and history	3	Medium	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
	Integration		Integrate Flask, CNN model with Cloud ant DB	5	Medium	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
	Containerization		Containerize Flask app using Docker	2	Low	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
Sprint-4	Dashboard (Admin)	USN-6	As a admin, I can view other user details and uploads for other purposes	2	Medium	Harshad Hussain J Harip A Arunkumar S Chinna Samy C

	Dashboard (Shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details if any	2	Low	Harshad Hussain J Harip A Arunkumar S Chinna Samy C
	Containerization		Create and deploy Helm using Docker Image made before	2	Low	Harshad Hussain J Harip A Arunkumar S Chinna Samy C