

Project Planning Phase

Sprint Delivery Plan

Date	2-11-2022
Team ID	PNT2022TMID17339
Project Name	Fertilizers Recommendation System for Disease Prediction
Maximum Marks	8mark

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date	Story Points Completed (as or Planned End Date)	Sprint Release Date (Actual)
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)

Sprint	Functional Requirements (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	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetables plants from given images	2	High	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
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	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	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	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	Upload page	USN-1	As a user, I will be redirected to a page where I can upload my pictures of crops	4	High	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	Suggestion results	USN-3	As a user, I can view the results and then obtain the suggestions provided by the ML model	4	High	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	Base Flask App		A base Flask web app must	2	High	S.Selvakumar

			be created as an interface for the ML model			A.Santhosh R.Saravanan J.Sathish Chakravarthy
Sprint-3	Login	USN-4	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	High	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	User Dashboard	USN-5	As a user, I can view the previous results and history	3	Medium	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	Integration		Integrate Flask, CNN model with Cloud ant DB	5	Medium	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	Containerization		Containerize Flask app using Docker	2	Low	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
Sprint-4	Dashboard (Admin)	USN-6	As a admin, I can view other user details and uploads for other purposes	2	Medium	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	Dashboard (Shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details if any	2	Low	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy
	Containerization		Create and deploy Helm using Docker Image made before	2	Low	S.Selvakumar A.Santhosh R.Saravanan J.Sathish Chakravarthy