Planning Process Prepare Milestone Activity List

Date	1-11-2022
Team ID	PNT2022TMID42312
Project Name	Fertilizers Recommendation System for Disease Prediction
Maximum Marks	8mark

Prepare Milestone Activity List

Planning	**Start Date**	**End Date**	**Process**
Prerequisites	24-10-22	24-10-22	Download the Anaconda Navigator Install the packages (NumPy, pandas, keras, tensor flow)
Data Collection	25-10-22	25-10-22	Download the Dataset
Image Processing	28-10-22	01-11-22	Process the Image Apply the Image Data Generator Functionality to the Train set and Test set
Model Building For Fruits Disease	01-11-22	10-11-22	Import the Libraries Initializing the model Add CNN Layers Add Dense Layers

Prediction				Train and save the model
Model Building For Vegetables Disease Prediction	06-11-22	10-11-22	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani	Train and save the model
Test Both The Models	11-11-22	14-11-22	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani	Test the model
Train The Model On IBM	13-11-22	15-11-22	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani	Register for IBM Cloud Train Model on IBM
Application Building	24-10-22	15-11-22	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani	Built Python Code Built HTML Page Run the Code

Spri nt 1	Sprint 2	Sprint 3	Sprint 3

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	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetables plants from given images	2	High	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
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	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
	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	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani

	Upload page	USN-1	As a user, I will be redirected to a page where I can upload my pictures of crops	4	High	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
	Suggestion results	USN-3	As a user, I can view the results and then obtain the	4	High	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani

			suggestions provided by the ML model			E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
	Base Flask App		A base Flask web app must be created as an interface for the ML model	2	High	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
Sprint-3	Login	USN-4	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	High	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
	User Dashboard	USN-5	As a user, I can view the previous results and history	3	Medium	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
	Integration		Integrate Flask, CNN model with Cloud ant DB	5	Medium	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
	Containerization		Containerize Flask app using Docker	2	Low	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani

Sprint-4	Dashboard (Admin)	USN-6	As a admin, I can view other user details and uploads for other purposes	2	Medium	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
	Dashboard (Shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details if any	2	Low	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani
	Containerization		Create and deploy Helm using Docker Image made before	2	Low	E.Chanukya K.Thejas S. Buvanesh kamato K.Kaviya S.R.Tharani