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

Date	18 October 2022
Team ID	PNT2022TMID46542
Project Name	FERTILIZERS RECOMMENDATION SYSTEM FOR DISEASE PREDICTION
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Model Creation and Training (Fruits)	USN-1	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	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-1	Model Creation and Training (Vegetables)	USN-2	Create a model which can classify diseased vegetables plants from given images	8	High	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-2	Model Creation and Training (Fruits)	USN-3	Create a model which can classify diseased Fruit plants from given images and train on IBM Cloud	6	High	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-2	Registration	USN-4	As a user, I can register by entering my email, password and confirming my password or via OAuth API	3	Medium	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-2	Upload page	USN-5	As a user, I will be redirected to a page	4	High	RAGHUL R MOHAMED BARISH MF

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			where I can upload my pictures of crops			SARABES WARAN K JEEVA R NESAMANI M
Sprint-2	Suggestion results	USN-6	As a user, I can view the results and then obtain the suggestions provided by the ML model	4	High	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-2	Base Flask App	USN-7	A base Flask web app must be created as an interface for the ML model	2	High	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-3	Login	USN-8	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	High	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-3	User Dashboard	USN-9	As a user, I can view the previous results and history	3	Medium	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-3	Integration	USN-10	Integrate Flask, CNN model with Cloud ant DB	5	Medium	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-3	Containerization	USN-11	Containerize Flask app using Docker	2	Low	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-4	Dashboard (Admin)	USN-12	As a admin, I can view other user details and uploads for other purposes	2	Medium	RAGHUL R MOHAMED BARISH MF SARABES WARAN K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						JEEVA R NESAMANI M
Sprint-4	Dashboard (Farmer)	USN-13	As a shopkeeper, I can enter fertilizer products and then update the details if any	2	Low	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M
Sprint-4	Containerization	USN-14	Create and deploy Helm using Docker Image made before	2	Low	RAGHUL R MOHAMED BARISH MF SARABES WARAN K JEEVA R NESAMANI M

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

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	20	6 Days	31 Oct 2022	06 Nov 2022	3.33	04 Nov 2022
Sprint-2	20	4 Days	05 Nov 2022	09 Nov 2022	5	08 Nov 2022
Sprint-3	20	4 Days	07 Nov 2022	12 Nov 2022	5	15 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	3.33	19 Nov 2022