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

Date	25 October 2022
Team ID	PNT2022TMID44389
Project Name	Fertilizers Recommendation System for disease Prediction
Maximum Marks	8 Marks

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

Template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-1	Download the Dataset		Download the dataset for further Processing	8	High	Pavithra.S Kokila Devi T Pavithra K
	Image Preprocessing		Process and Format the images before they used by model training and inference	2	High	Pavithra.S Kokila Devi T Nivedha G

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-2	Model Creation and Training (Fruits)		Create a model which can classify diseased vegetable plants from given images and train onIBM Cloud	8	High	Pavithra S Kokila Devi T Nivedha G Pavithra K Thanuja Shri K
	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetable plants from given images	2	High	Pavithra S Kokila Devi T Nivedha G Pavithra K Thanuja Shri K
Sprint-3	Registration	USN-1	As a user, I can register by entering my email, password, and confirming my password or via OAuth API	3	Medium	Pavithra S Kokila Devi T Nivedha G
	Upload page	USN-2	As a user, I will be redirected to a page where I can upload my pictures of crops	4	High	Nivedha G Pavithra K Thanuja Shri K
	Suggestion results	USN-3	As a user, I can view the results and then obtain the suggestions provided by the ML model	4	High	Pavithra S Kokila Devi T Nivedha G
	Base Flask App		A base Flask web app must be created as an interface for the ML model	2	High	Kokila Devi T Nivedha G Pavithra K
	Login	USN-4	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	High	Nivedha G Pavithra K Thanuja Shri K
	User Dashboard	USN-5	As a user, I can view the previous results and history	3	Medium	Pavithra S Kokila Devi T Nivedha G
Sprint-4	Integration		Integrate Flask, CNN model with Cloudant DB	5	Medium	Nivedha G Pavithra K Thanuja Shri K

	Dashboard (Admin)	USN-6	As an admin, I can view other user details and uploads for other purposes	5	Medium	Kokila Devi T Nivedha G Pavithra K
	Dashboard (Shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer productsand then update the details if any	2	Low	Pavithra S Kokila Devi T Nivedha G

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	10	6 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	18	6 Days	07 Nov 2022	12 Nov 2022	18	12 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	12	19 Nov 2022

NOTE: Burndown charts, Velocity to be updated dynamically after end of sprints

Burndown Chart: A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.