

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID35918
Project Name	Fertilizer Recommendation System for DiseasePrediction
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-1	Dataset Collection	USN1	Create Train and Test folders with each folder having subfolders with leaf images of different plant diseases.	5	High	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K
	Image Preprocessing	USN2	To preprocess the images and then feed them on to the model for training.	5	High	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-2	Model Creation and Training (Vegetables)	USN-3	Create a model which can classify diseased vegetable plants from given images	6	High	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K
	Model Creation and Training (Fruits)	USN-4	Create a model which can classify diseased fruits plants from given images	6	High	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K
	Test the Model	USN-5	To test both the models by loading the saved models	3	Medium	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K
Sprint-3	Build the python code	USN-6	To Build a flask application	6	High	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K
	Build the HTML pages	USN-7	To Build the UI where a home page will have details about the application, a prediction page where a user is allowed to browse an image and get the predictions.	6	High	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K
	Run the Code	USN-8	To run the Application	3	Medium	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K
Sprint-4	Register for IBM Cloud	USN-6	To Register For IBM Cloud	2	Low	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K
	Train the model on IBM	USN-7	To train the model on IBM and integrate it with the flask Application.	10	High	Shakeel Mohammed G, Thanish Malai P, Jayaraj D, Saranraj A K

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	30 Oct 2022
Sprint-2	15	6 Days	31 Oct 2022	05 Nov 2022	15	06 Nov 2022
Sprint-3	15	6 Days	07 Nov 2022	12 Nov 2022	15	13 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	10	20 Nov 2022