Project Planning Phase

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

DATE	28 October 2022
TEAM ID	PNT2022TMID50687
PROJECT NAME	Fertilizer Recommendation System for DiseasePrediction
MAXIMUM MARK	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	Model Creation and Training (Fruits)		Make a model which can group sick natural product plants from given pictures. I likewise need to test the model and send it on IBM Cloud	8	High	Shunmuga Priya,Pavithra,Packiya Felsiba,Gayathri .
	Model Creation and Training (Vegetables)		Make a model which can order unhealthy vegetable plants from given pictures	2	High	Shunmuga Priya,Pavithra,Packiya Felsiba,Gayathri

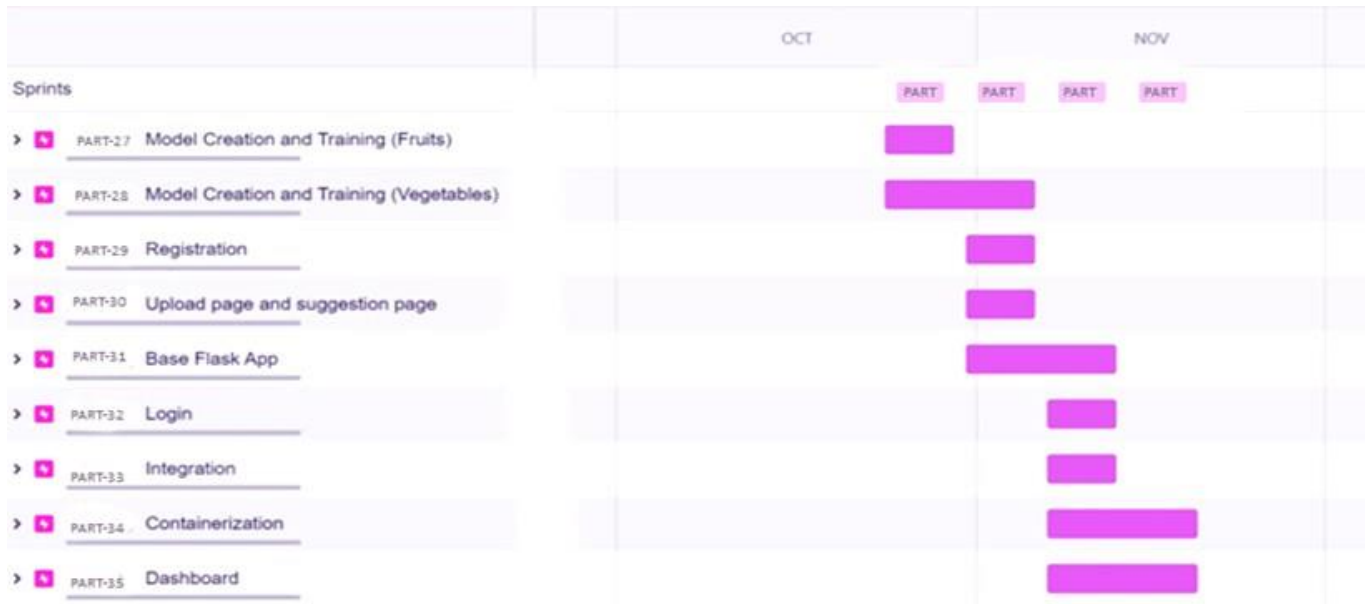| Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-2	Model Creation and Training (Vegetables)		Make a model which can characterize sick vegetable plants from given pictures and train on IBM Cloud	6	High	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri.
	Registration	USN-1	As a client, I can enroll by entering my email, secret key, and affirming my secret phrase or by means of OAuth Programming interface	3	Medium	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri.
	Upload page	USN-2	As a client, I will be diverted to a page where I can transfer my photos of yields	4	High	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri
	Suggestion results	USN-3	As a client, I can see the outcomes and afterward get the ideas given by the ML model	4	High	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri.
	Base Flask App		A base Flagon web application should be made as a point of interaction for the ML model	2	High	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri
Sprint-3	Login	USN-4	As a client/administrator/retailer, I can sign into the application by entering email and secret phrase	2	High	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri
	User Dashboard	USN-5	As a client, I can see the past outcomes and history	3	Medium	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri
	Integration		Incorporate Carafe, CNN model with Cloudant DB	5	Medium	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri.
	Containerization		Containerize Cup application utilizing Docker	2	Low	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri

Sprint-4	Dashboard (Admin)	USN-6	As an administrator, I can see other client subtleties and transfers for different purposes	2	Medium	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri.
	Dashboard (Shopkeeper)	USN-7	As a retailer, I can enter manure items and afterward update the subtleties if any	2	Low	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri.
	Containerization		Make and send Rudder graphs utilizing Docker Picture made previously	2	Low	ShunmugaPriya, Pavithra,Packiya Felsiba,Gayathri.

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

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

Roadmap:

Sprints		OCT		NOV	
			PART	PART	PART PART
> PART-27 Model Creation and Training (Fruits)		▮			
> PART-28 Model Creation and Training (Vegetables)		▮▮			
> PART-29 Registration			▮		
> PART-30 Upload page and suggestion page			▮		
> PART-31 Base Flask App			▮▮		
> PART-32 Login				▮	
> PART-33 Integration				▮	
> PART-34 Containerization				▮▮	
> PART-35 Dashboard				▮▮	

Screenshots:

Fertilizer Recommend...
Software project

Projects / Fertilizer Recommendation System for Disease Prediction

Backlog   •••

PLANNING

🔲 Roadmap

📚 Backlog

▥ Board

DEVELOPMENT

</> Code

📄 Project pages

<> IBM-Project

📑 Add shortcut

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˅   **Sprint 1** 24 Oct – 29 Oct (6 issues)   10 **0** **0** **Start sprint** •••

☑ HIVE-1 Collect Dataset (IBM, Kaggle)   1 **TO DO ˅**

☑ HIVE-2 Preprocess Images (Fruits) **MODEL CREATION AND TRAINING...**   1 **TO DO ˅**

📖 HIVE-3 Create CNN model (Fruits) **MODEL CREATION AND TRAINING...**   2 **TO DO ˅**

📖 HIVE-4 Train and test model-1 in IBM Watson **MODEL CREATION AND TRAINING...**   3 **TO DO ˅**

☑ HIVE-5 Tune parameters **MODEL CREATION AND TRAINING...**   1 **TO DO ˅**

📖 HIVE-6 Create CNN model (Vegetables) **MODEL CREATION AND TRAINING...**   2 **TO DO ˅**

+ Create issue