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

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (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	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetable plants from given images	2	High	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh

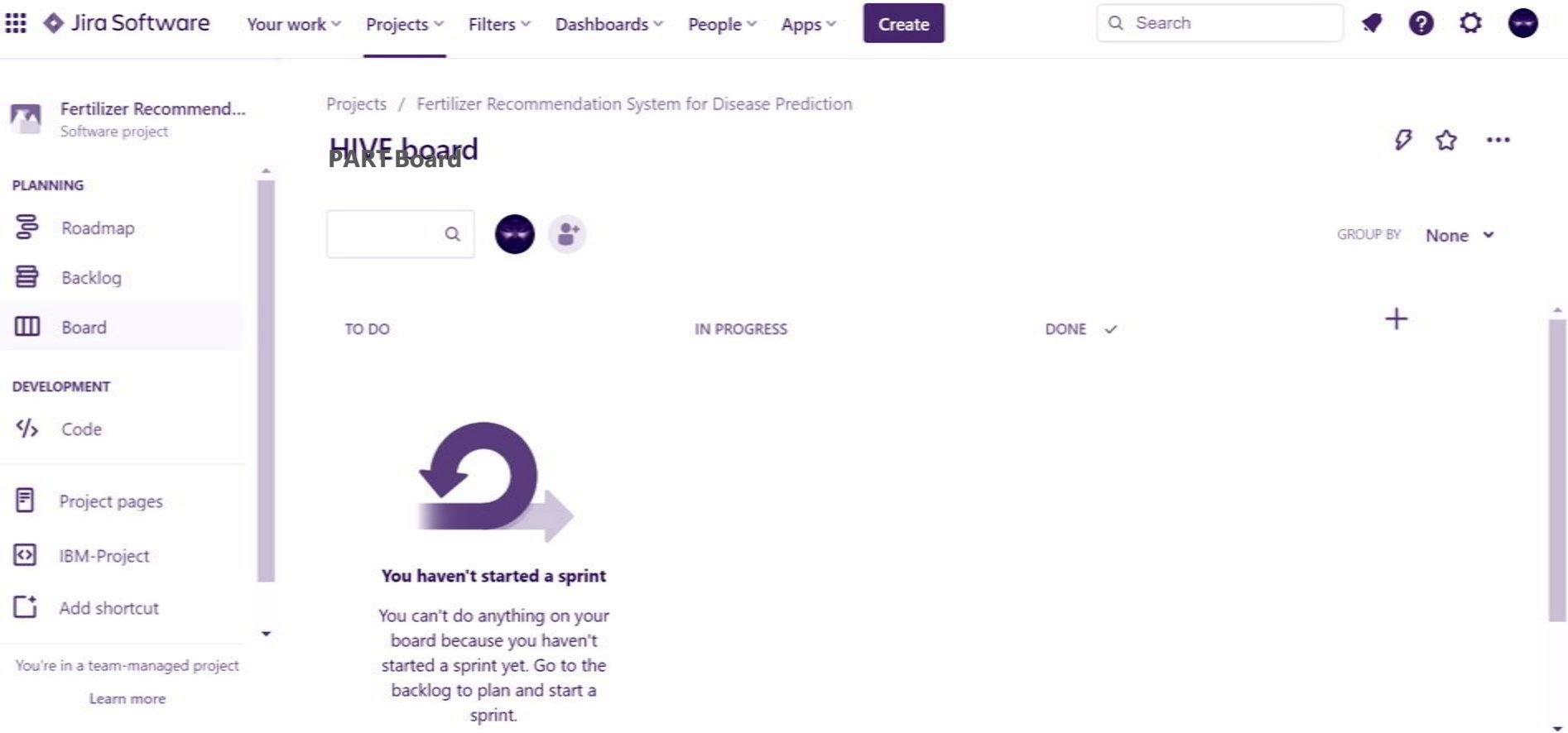| Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points (Total)	Priority	Team Members
Sprint-2	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetable plants from given images and train on IBM Cloud	6	High	Devi Sri Prasad,Puram ChandraSekar,Shaik MohammedAshik, Sumesh

	Registration	USN-1	As a user, I can register by entering my email, password, and confirming my password or via OAuth API	3	Medium	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
	Upload page	USN-2	As a user, I will be redirected to a page where I can upload my pictures of crops	4	High	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
	Suggestion results	USN-3	As a user, I can view the results and then obtain the suggestions provided by the ML model	4	High	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
	Base Flask App		A base Flask web app must be created as an interface for the ML model	2	High	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
Sprint-3	Login	USN-4	As a user/admin/shopkeeper, I can log into the application by entering email & password	2	High	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
	User Dashboard	USN-5	As a user, I can view the previous results and history	3	Medium	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
	Integration		Integrate Flask, CNN model with Cloudant DB	5	Medium	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
	Containerization		Containerize Flask app using Docker	2	Low	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh

	Dashboard (Admin)	USN-6	As an admin, I can view other user details and uploads for other purposes	2	Medium	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
	Dashboard (Shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details if any	2	Low	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh
	Containerization		Create and deploy Helm charts using Docker Image made before	2	Low	Devi Sri Prasad,Puram ChandraSekar,Shaik Mohammed Ashik,Sumesh

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

Screenshots:

Fertilizer Recommend...
Software project

Backlog

...

PLANNING

☰ Roadmap

☰ Backlog

⊞ Board

DEVELOPMENT

</> Code

🗎 Project pages

⟨⟩ IBM-Project

⌷ Add shortcut

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⌄ **HIVE 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 ⌄

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