

Project Planning Phase

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

Date	05 November 2022
Team ID	PNT2022TMID36196
Project Name	Fertilizer 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 (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	Rathish kanna, Peter John, Durga Devi, Sabrin, parthiban.
	Model Creation and Training (Vegetables)		Create a model which can classify diseased vegetable plants from given images	2	High	Rathish kanna, Peter John, Durga Devi, Sabrin, parthiban.

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

Sprint-4	Dashboard (Admin)	USN-6	As an admin, I can view other user details and uploads for other purposes	2	Medium	Rathish kanna,Peter John,Durga Devi,Sabrin, parthiban.
	Dashboard (Shopkeeper)	USN-7	As a shopkeeper, I can enter fertilizer products and then update the details if any	2	Low	Rathish kanna,Peter John,Durga Devi,Sabrin, parthiban.
	Containerization		Create and deploy Helm charts using Docker Image made before	2	Low	Rathish kanna,Peter John,Durga Devi,Sabrin, parthiban.

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:

Jira Software

Your work

Projects

Filters

Dashboards

People

Apps

Create

Search

?

CK

Fertilizers Recommend...

Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / Fertilizers Recommendation System For Disease Prediction

Give feedback

Share

Export

CK

Status category

Epic

	OCT	NOV	DEC
Sprints		FRSFDP Sprint 1	
FRSFDP-9 Image processing			
FRSFDP-10 Model Building For Fruit Dis...			
FRSFDP-11 Model Building For Vegetabl...			
FRSFDP-12 Test Both The Models			
FRSFDP-13 Application Building			
FRSFDP-14 Train The Model On IBM			
+ Create Epic			

Today

Weeks

Months

Quarters

Quickstart

Screenshots:

The screenshot displays the Jira Software interface for a team-managed project. The top navigation bar includes the Jira Software logo, a search bar, and various navigation links: "Your work", "Projects", "Filters", "Dashboards", "People", "Apps", and a "Create" button. A dark banner at the top of the main content area asks, "Does your team need more from Jira? [Get a free trial of our Standard plan.](#)".

The left sidebar shows the project "Fertilizers Recommendation System For Disease Prediction" and lists navigation options under "PLANNING" (Roadmap, Backlog, Board) and "DEVELOPMENT" (Code). The "Board" option is currently selected. Below these, there are links for "Project pages", "Add shortcut", and "Project settings". At the bottom of the sidebar, it states "You're in a team-managed project" with a "Learn more" link.

The main content area is titled "FRSFDP board" and shows a Kanban board with three columns: "TO DO", "IN PROGRESS", and "DONE". The "TO DO" column contains a large blue circular arrow icon and a message: "You haven't started a sprint. You can't do anything on your board because you haven't started a sprint yet. Go to the backlog to plan and start a sprint." The "IN PROGRESS" and "DONE" columns are currently empty. A "Quickstart" button is located at the bottom right of the board area.

Fertilizers Recommend...
Software project

PLANNING

- Roadmap
- Backlog
- Board

DEVELOPMENT

- Code
- Project pages
- Add shortcut
- Pr...
- You're in...
- Learn more

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Projects / Fertilizers Recommendation System For Disease Prediction

FRSFDP Sprint 1

To build and test an application to predict the diseases in fruits and vegetables.

⚡ ☆ ⌚ 10 days remaining Complete sprint ⋮

🔍 CK 👤

GROUP BY None ▾ Insights

TO DO 7 ISSUES

Download the dataset.

FRSFDP-1

Classify the dataset into train and test sets.

IN PROGRESS

DONE ✓



✓ Sprint started
We've filtered the board to show your new sprint.
Good luck, team!

💡 Quickstart ✕