

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID04804
Project Name	Fertilizers Recommendation SystemFor Disease Prediction
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Home Page	USN-1	As a user, I can view the home page which has a description of the plant disease as well as options to sign up or log in.	8	Low	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M
Sprint-4	Sign Up Page	USN-2	As a user, I can register for the application by entering my name, phone number, email, password, and confirming my password.	2	High	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M
Sprint-4	Authorization	USN-3	As a user, I will receive confirmation email once I have registered for the application.	6	High	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M
Sprint-4	Login	USN-4	As a user, I can log into the application by entering email & password.	3	High	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M
Sprint-4	Dashboard	USN-5	As a user, I can upload images of the affected leaves to the website in order to receive the plant disease.	4	High	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Results	USN-6	As a user, I can receive a disease in addition to recommendations on what I should do now.	4	High	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M
Sprint-1	Data Collection	USN-7	I need to collect data (images of leaf and with disease stages).	5	High	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M
Sprint-1	Data Pre-Processing	USN-8	I need to clean my data and prepare it for model building by doing pre-processing activities such as resizing etc.	7	High	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M
Sprint-2	Model Building	USN-9	I need to build the model using Convolution Neural Network (CNN).	12	High	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M
Sprint-3	Model Deployment	USN-10	I need to deploy the Machine Learning model that was built.	12	Medium	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M
Sprint-4	Application Building	USN-11	I need to build the website for the application using HTML, CSS etc.	6	High	Deepa Prabha G, Deepika M, Dhivyadharshini T, Fathima Kadhoon M

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	12	6 Days	24 Oct 2022	29 Oct 2022	12	30 Oct 2022
Sprint-2	12	6 Days	31 Oct 2022	05 Nov 2022	12	06 Nov 2022
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022	12	12 Nov 2022
Sprint-4	12	6 Days	14 Nov 2022	19 Nov 2022	12	19 Nov 2022

Velocity:

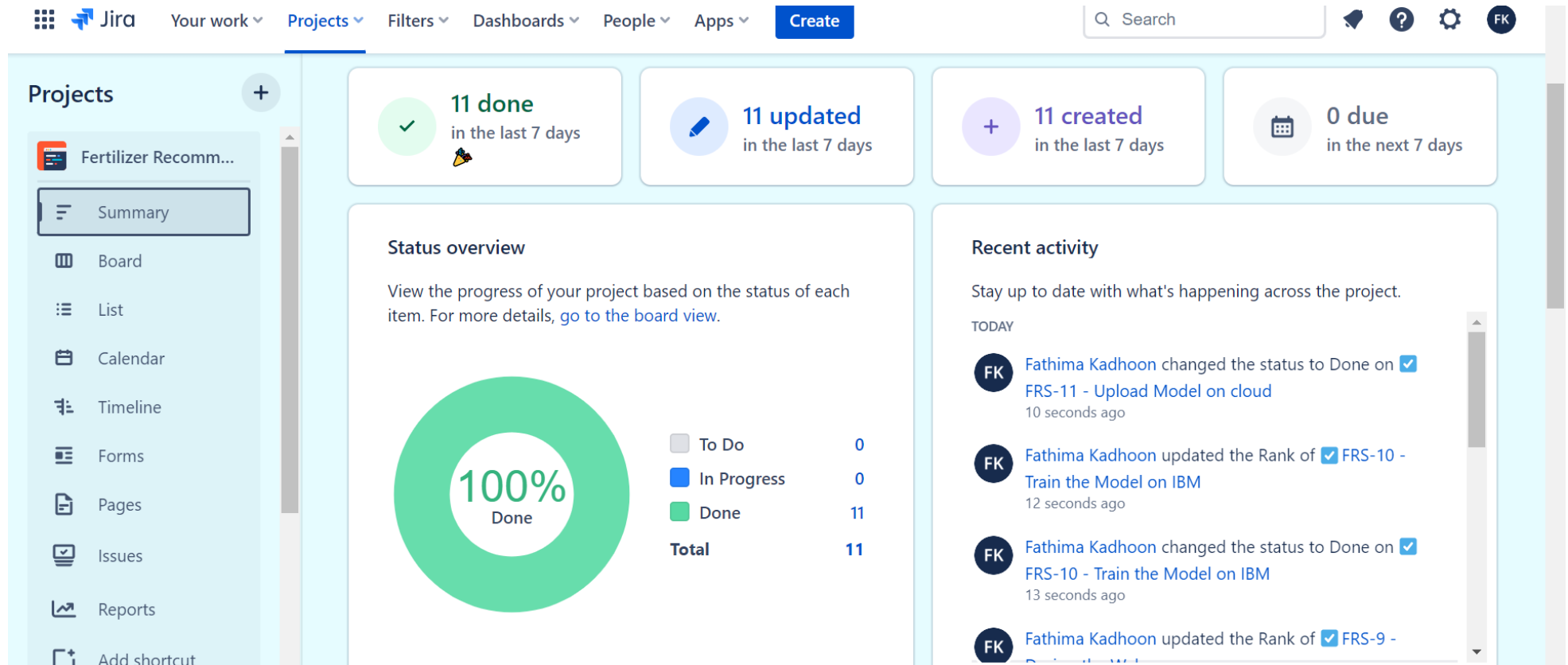
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

$$\text{Average Velocity (AV)} = 12/6 = 2$$

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.



Projects



Fertilizer Recomm...



Back to project

ISSUE ANALYSIS

Average Age Report

Created vs Resolved Iss...

Pie Chart Report

Recently Created Issues...

Resolution Time Report

Single Level Group By ...

Time Since Issues Report

Only including sub-tasks with the selected version

Progress: 0%

Accuracy: 0%

0m completed from current total estimate of 0m

Issues in this version are on schedule with original estimate of 0m.

Key			Summary	Original Estimate		Σ	Est. Time Remaining		Σ	Time Spent		Σ	Accuracy		Σ
<input checked="" type="checkbox"/>	FRS-1	DONE	Dataset Collection	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-2	DONE	Image Preprocessing	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-3	DONE	Image Filtering	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-4	DONE	Model Fruit dataset	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-5	DONE	Model for Vegetable Dataset	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-6	DONE	Test both the Model	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-7	DONE	Flask Application	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-8	DONE	Develop the python code	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-9	DONE	Design the Webpage	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-10	DONE	Train the Model on IBM	-	-	-	-	-	-	-	-	-	-	-	-
<input checked="" type="checkbox"/>	FRS-11	DONE	Upload Model on cloud	-	-	-	-	-	-	-	-	-	-	-	-
Total				0m		-	0m		-	0m		-	on track		-

Projects



Fertilizer Recomm...

Summary

Board

List

Calendar

Timeline

Forms

Pages

Issues

Reports

Add shortcut

Projects / Fertilizer Recommendation System

Timeline



Today

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Export

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