

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID48071
Project Name	Project - Fertilizer Recommendation System For 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-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	S.Nagu P.Harini Brindha
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	S.Karthika T.Valarmathi
Sprint-1		USN-3	As a user, I can register for the application through Facebook	1	Low	M.Sneha
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	S.Nagu S.Karthika
Sprint-1		USN-5	As a Web user, I can register with a User ID on the System	2	High	T.Valarmathi S.Nagu
Sprint-2	Login	USN-6	As a user, I can log into the application by entering email & password	2	High	P.Harini Brindha M.Sneha
Sprint-3	Customer support	<u>USN-7</u>	As a Supporter, I can Understand exactly how customer use the product	1	Low	S.Karthika

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Analyst	USN-8	As a Admin, I can Update many dataset about the Plant Diseases	2	High	P.Harini Brindha
Sprint-4	Prediction	USN-9	It uses AI to identify the Plants Disease within the Captured photos and Live View of Prediction	2	High	T.Valarmathi S.Nagu M.Sneha

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Sprint Delivery Progress:
(Sprint Delivery Plan)

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Backlog

REGISTRATION

- FRSFDP-1 As a user, I can register for the application by entering my email, password, and confirming my password. TO DO
- FRSFDP-2 As a user, I will receive confirmation email once I have registered for the application. TO DO
- FRSFDP-3 As a user, I can register for the application through Facebook. TO DO
- FRSFDP-4 As a user, I can register for the application through Gmail. TO DO
- FRSFDP-6 As a Web user, I can register with a User ID on the System. TO DO

+ Create issue

FRSFDP Sprint 2 31 Oct – 7 Nov (1 issue)

- FRSFDP-5 As a user, I can log into the application by entering email & password. TO DO

+ Create issue

FRSFDP Sprint 3 7 Nov – 14 Nov (2 issues)

- FRSFDP-7 As a Supporter, I can Understand exactly how customer use the product. TO DO
- FRSFDP-8 As a Admin, I can Update many dataset about the Plant Diseases. TO DO

+ Create issue

(Roadmap)

Welcome to Project! Delighted to see you here. IBM

pnt2022tmid48071.atlassian.net/jira/software/projects/FRSFDP/boards/1/roadmap

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Roadmap

Give feedback | Share | Export | View settings

SP

OCT NOV DEC JAN '23

FRSFDP-10 Registration

- FRSFDP-1 As a user, I can... (10.00)
- FRSFDP-2 As a user, I will... (10.00)
- FRSFDP-3 As a user, I can... (10.00)
- FRSFDP-4 As a user, I can... (10.00)
- FRSFDP-6 As a Web use... (10.00)

FRSFDP-11 Login

- FRSFDP-5 As a user, I ca... (10.00)

FRSFDP-12 Customer support

FRSFDP-13 Analyst

FRSFDP-14 Prediction

+ Create Epic

Today | Weeks | Months | Quarters

Quickstart

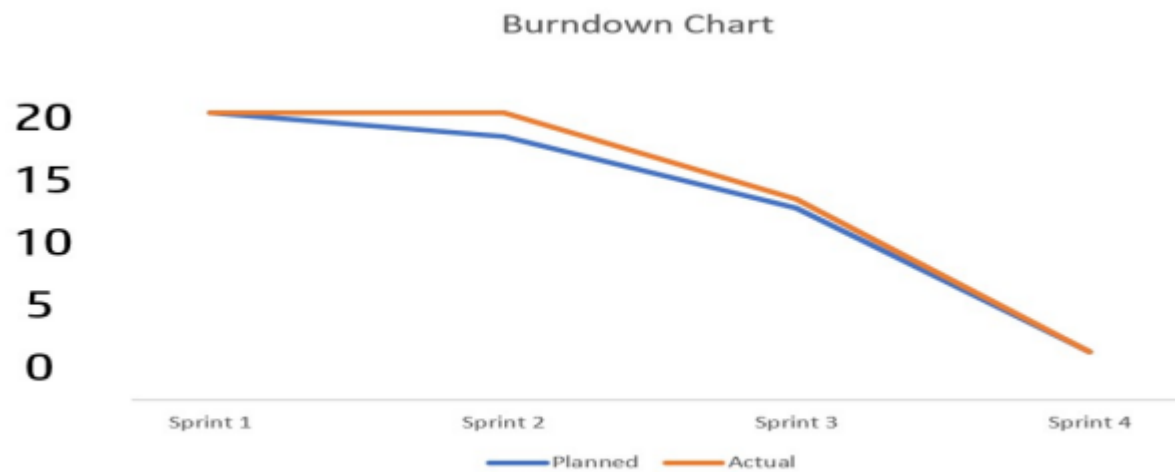
Velocity:

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)

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

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.



X- Axis: Story Points

Y-Axis: Sprints Stages