

Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID48705
Project Name	Estimate The Crop Yield Using Data Analytics
Maximum Marks	8 Marks

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

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	SHAM HIRUTHIK.R, JOSEPH RUMS.R,
		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	SARAN.GV,
		USN-3	As a user, I can register for the application through Gmail	2	Medium	VENKATESH.P
	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	SHAM HIRUTHIK.R, JOSEPH RUMS.R, SARAN.GV, VENKATESH.P
	Working with the Dataset	USN-5	To work on the given dataset, Understand the Dataset.	2	High	SHAM HIRUTHIK.R, JOSEPH RUMS.R, SARAN.GV, VENKATESH.P
		USN-6	Load the dataset to the Cloud platform then Build the required Visualizations.	10	High	SARAN.GV, VENKATESH.P
Sprint-2	Data Visualization Chart	USN-7	Using the Crop production in Indian dataset, create various graphs and charts to highlight the insights and visualizations. Build a Visualization to showcase Average Crop Production by Seasons.	4	Medium	SHAM HIRUTHIK.R, JOSEPH RUMS.R, SARAN.GV, VENKATESH.P

			Showcase the Yearly usage of Area in Crop Production.	4	Medium	SHAM HIRUTHIK.R,
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			Build a visualization to showcase the top 10 States in Crop Yield Production by Area.	4	Medium	SARAN.GV
			Build the required Visualization to showcase the Crop Production by State.	4	Medium	SARAN.GV, VENKATESH.P
			Build Visual analytics to represent the States with Seasonal Crop Production using a Text representation.	4	Medium	SHAM HIRUTHIK.R, JOSEPH RUMS.R, SARAN.GV, VENKATESH.P
Sprint-3	Creating The dashboard	USN-8	Create the Dashboard by using the created visualizations.	20	High	SHAM HIRUTHIK.R, JOSEPH RUMS.R, SARAN.GV, VENKATESH.P
Sprint-4	Export The Analytics	USN-9	Export the created Dashboard	20	High	SHAM HIRUTHIK.R, JOSEPH RUMS.R, SARAN.GV, VENKATESH.P

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

Velocity:

We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). Let us calculate the team's average velocity (AV) per iteration unit (story points per day).

$$AV = \text{Sprint Duration} / \text{Velocity} = 20/6 = 3.3$$

Burndown Chart:

A burndown 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.



Project tracking using Jira software: (tool-Jira software)



Visualizing and predict...
Software project

PLANNING



Roadmap



Backlog



Board



Reports

DEVELOPMENT



Code



Project pages



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Projects / Visualizing and predicting heart disease with an interactive dashboard

VPHDWID Sprint 1



5 days remaining

Complete sprint



Epic ▾

GROUP BY

None ▾

Insights

TO DO 4 ISSUES

As a user, I can register for the application by entering my email, password, and confirming my password



REGISTRATION

VPHDWID-1



As a user, I will receive confirmation email once I have registered for the application

IN PROGRESS

DONE ✓



Quickstart



Activate Windows

Report Burndown chart:

