

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID09970
Project Name	Fertilizers 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.	20	High	G.Venkata Sriivas G.Venkata Sai G.Teja Ashay Krishna
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application usage.	20	High	G.Venkata Sriivas G.Venkata Sai G.Teja Ashay Krishna
Sprint-2	Input	USN-3	Whenever the fire is detected, the	20	High	G.Venkata Sriivas

			information is given to the database.			G.Venkata Sai
Sprint-2		USN-4	When it is the wildfire then the alarming system is activated.	20	High	G.Teja

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		Functional Requirement (Epic)	User Story Number	User Story / Task		Story Points	Priority	Team Members
Sprint-3		Output	USN-5	And the alarm also sent to the corresponding departments and made them know that the		20	High	G.Venkata Sriivas G.Venkata Sai

			wildfire is erupted.			
Sprint-4	Action	USN-6	Required actions will be taken in order to controlled erupted wildfire by reaching as early as possible to the destination with the help of detecting systems.	20	High	G.Venkata Sriivas G.Venkata Sai G.Teja Ashay Krishna

Project Tracker, Velocity & Burndown Chart: (4 Marks) 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)

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