

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID23571
Project Name	Smart Farmer Application

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	2
Sprint-1		USN-2	As a user, I can register for the application through Gmail	2	Medium	2
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	2
Sprint- 2	Dashboard	USN-4	As a user, I can see the parameters that can be monitored.	1	Medium	3
Sprint -2		USN-5	As a user, It's easy to track parameters like temperature, humidity, and wind speed.	2	High	4
Sprint-3		USN-6	As a user, I can view the status of basic parameters and follow-up suggestions.	2	High	4
Sprint-3		USN-7	As a user, I can follow up on the schedule for irrigation and suggestions about crop and soil health.	2	High	4
Sprint-4	Administrator and Maintenance	USN-8	Maintain data and security of the application	2	High	4
Sprint-4		USN-9	Uses NPS in the Helpdesk	1	Medium	3

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	20	29 Oct 2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	20	30 OCT 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	20	6 NOV 2022
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	20	7 NOV 2022

Velocity:

AV for sprint 1= Sprint Duration/Velocity =12/6=2

AV for sprint 2= Sprint Duration/Velocity=6/6=1

AV for Sprint 3=Sprint Duration/Velocity=6/6=1

AV for Sprint 4=Sprint Duration/Velocity=6/6=1

Burndown Chart:

