

Project Planning

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

Date	18 October 2022
Team ID	PNT2022TMID32605
Project Name	Smart Crop Protection System for Agriculture
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 and setup	Farmer	As a user-farmer , I can register for the system by setting up the sensors.	20	High	Ahmed Yahya.A, Dheeraj Prakash.S, Mukesh Manikandan.M, Nagaraj.R
Sprint-2	Get notify	Farmer	When an animal is detected I need to receive notification with Image captured.	10	High	Ahmed Yahya.A, Dheeraj Prakash.S, Mukesh Manikandan.M, Nagaraj.R
Sprint-3	On/off Motor	Farmer	I can remotely turn on and off the water motor.	5	Medium	Ahmed Yahya.A, Dheeraj Prakash.S, Mukesh Manikandan.M, Nagaraj.R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	On/off Light	Farmer	I can remotely turn on and off the lights.	5	Medium	Ahmed Yahya.A, Dheeraj Prakash.S, Mukesh Manikandan.M, Nagaraj.R
Sprint-4	Temperature and Humidity	Farmer	I need to view the current temperature and the humidity of the agriculture land.	5	Low	Ahmed Yahya.A, Dheeraj Prakash.S, Mukesh Manikandan.M, Nagaraj.R

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	01 Nov 2022
Sprint-2	10	6 Days	31 Oct 2022	05 Nov 2022	10	08 Nov 2022
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022	10	14 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022