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

Date	21 October 2022
Team ID	PNT2022TMID49530
Project Name	Project – IOT based smart crop protection system.
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	Analysing moisture content, animal or pest or birds entry.	USN-1	Meterologist who Wants to save plants take necessary measurements.	2	High	Nagajothi.A Ponchitra.S
Sprint-1	preventing crops from all damages.	USN-2	Exterminator wants to maintain crops without damages.	1	High	Mohamedyasmin.S Priyadharshini.P
Sprint-2	To detect for any abnormalities in agriculture field.	USN-3	Farmer collect all datas in field to avoid crop damages.	2	Low	Mohamedyasmin.S Priyadharshini.P
Sprint-2	government can help by providing financial support.	USN-4	Government can take measure by giving solar system, improved technologic awareness.	2	Medium	Nagajothi.A Ponchitra.S
Sprint-3	Testing and implementing the smart crop protection model.	USN-5	Programmer can build the smart crop detection model by training the dataset	2	High	Mohamedyasmin.s Nagajothi.A
Sprint-4	Notification.	USN-6	The abnormalities are informed us a notification to the farmer.	2	High	Ponchitra.S Priyadharshini.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