Project Planning Phase

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

Date	27 October 2022
Team ID	PNT2022TMID00213
Project Name	Project – Estimate the Crop Yield Using Data Analytics
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	Working with the data set	USN-1	Understanding the dataset.	10	Medium	Vinisha,Boomika
Sprint-1	Working with the data set	USN-2	Loading the dataset.	10	High	Vinisha,Boomika
Sprint-2	Prepare the data	USN-3	Convert the data into required format.	10	Medium	Shrinithi,Roopa
Sprint-2	Data exploration	USN-4	Explore the data which is uploaded in the IBM cognos.	10	Medium	Shrinithi,Vinisha
Sprint-3	Data Visualization	USN-5	Creating the data visualization chart.	10	High	Roopa,Boomika
Sprint-3	Dashboard	USN-6	Creating dashboard.	10	High	Shrinithi,Boomika
Sprint-4	Report	USN-7	Creating the report.	10	High	Vinisha,Roopa
Sprint-4	Export	USN-8	Export the report to the Github.	20	High	Roopa,Shrinithi

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:

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)

Total sprint points=80

Total sprint=4
Average velocity=80/4=20