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

Date	23 October 2022
Team ID	PNT2022TMID37320
Project Name	Estimate The Crop Yield Using Data Analytics
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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.	2	High	Varun Kumar Udhaya Kumar Santosh Kumar Naveen Kumar SR
		USN-2	As a user, I will receive confirmation email once I have registered for theapplication	2	High	Varun Kumar Udhaya Kumar Santosh Kumar Naveen Kumar SR
		USN-3	As a user, I can register for the application through Gmail	2	Medium	Varun Kumar Udhaya Kumar Santosh Kumar Naveen Kumar SR
	Login	USN-4	As a user, I can log into the application by entering email & password	2	High	Varun Kumar Udhaya Kumar Santosh Kumar Naveen Kumar SR
	Working with the Dataset	USN-5	To work on the given dataset, Understand the Dataset.	2	High	Varun Kumar Udhaya Kumar Santosh Kumar Naveen Kumar SR
		USN-6	Load the dataset to Cloud platform then Build the requiredVisualizations.	10	High	Varun Kumar Udhaya Kumar Santosh Kumar Naveen Kumar SR

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Data Visalization Chart	USN-7	Using the Crop production in Indian dataset, create various graphsand charts to highlight the insights and visualizations. Build a Visualization to showcase Average Crop Production by Seasons.	4	Medium	Varun Kumar Udhaya Kumar
			Build a Visualization to Showcase the Yearly usage of Area in Crop Production.	4	Medium	Varun kumar Santosh Kumar
			Build a visualization to showcase top 10 States in Crop Yield Production by Area.	4	Medium	Varun Kumar Naveen Kumar SR
			Build the required Visualization to showcase the Crop Production byState.	4	Medium	Varun Kumar
			Build Visual analytics to represent the Sates with Seasonal CropProduction using a Text representation.	4	Medium	Varun Kumar
Sprint-3	Creating The dashboard	USN-8	Create the Dashboard using the created visualizations.	20	High	Varun Kumar
Sprint-4	Export The Analytics	USN-9	Export the created Dashboard	20	High	Varun Kumar

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