Initial Project Planning Template

Date	11 November 2025
Team ID	VIP-C3
Project Name	Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI
Maximum Marks	4 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 Start Date	Sprint End Date (Planned)
Sprint-1	Data Integration	USN-1	As a developer, I can import global production data (1961-2023) into Power BI from the source datasets	3	High	Pedapudi Abhinay	12-12-2025	13-12-2025
Sprint-1	Staple Crop Analysis	USN-2	As a user, I can view total production volumes for Rice (269B tonnes) and Wheat (282B tonnes) to understand global security.	2	High	Pedapudi Abhinay	14-12-2025	15-12-2025
Sprint-1	Staple Crop Analysis	USN-3	As a user, I can view an area chart of Wheat, Maize, and Rice production over time to identify growth trajectories.	3	High	Pedapudi Abhinay	16-12-2025	17-12-2025
Sprint-2	Fruit Production Analysis	USN-4	As an analyst, I can compare the production of Grapes, Apples,	2	Medium	Pedapudi Abhinay	18-12-2025	19-12-2025

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
			Bananas, and Oranges using a bar chart.					
Sprint-2	Regional Distribution	USN-5	As a user, I can see a bar chart of Green Coffee production by entity to identify Africa as a leading producer.	2	Medium	Pedapudi Abhinay	20-12-2025	22-12-2025
Sprint-3	Interactive Filtering	USN-6	As an executive, I can filter the dashboard by "Year" or "Entity" to drill down into specific regional fruit production.	3	Low	Pedapudi Abhinay	23-12-2025	24-12-2025