Initial Project Planning Template

Date	2 May 2025
Team ID	xxxxxx
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)

Use the below template to create a product backlog and sprint schedule

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 Collection & Cleaning	USN-1	As a user, I can gather historical food production data (1961-2023) from FAO and clean it for analysis.	3	High	1	2 may 2025	5 May 2025
Sprint-1	Data Modeling	USN-2	As a user, I can structure the cleaned data into Power BI data model with relationships, calculated fields, and hierarchies.	3	High	1	6 may 2025	8 may 2025
Sprint-2	Visualization	USN-3	As a user, I can build key visualizations (e.g., bar charts, line graphs, maps) to show production trends by country and crop.	2	Medium	1	9 may 2025	10 may 2025
Sprint-2	Insight Generation	USN-4	As a user, I can analyze visual data to identify key trends, outliers, and production shifts across decades.	2	Medium	1	11 may 2025	12 May 2025

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Dashboard Finalization	USN-5	As a user, I can finalize a dynamic dashboard with filters (year, country, crop) for stakeholder use.	2	High	1	13 may 2025	13 may 2025
Sprint-3	Report Writing	USN-6	As a user, I can document methodology, key findings, and recommendations in a comprehensive report.	2	Medium	1	14 May 2025	14 may 2025