


Initial Project Planning Template

Date	24 June 2025
Team ID	38
Project Name	Global Food Production Trends and Analysis
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 Collection	GFPTA-2	Collect Relevant Data	2	High	Bharti Soni	3 June 2025	5 June 2025
Sprint-1	Data Collection	GFPTA-3	Load the Data	2	High	Bharti Soni	4 June 2025	6 June 2025
Sprint-2	Data Preprocessing	GFPTA-5	Handle Missing Values	2	Medium	Bharti Soni	7 June 2025	8 June 2025
Sprint-2	Data Preprocessing	GFPTA-6	Split/Merge Datasets	2	Medium	Bharti Soni	8 June 2025	9 June 2025
Sprint-3	Data Analysis	GFPTA-8	Perform Descriptive Statistics	3	High	Bharti Soni	10 June 2025	11 June 2025
Sprint-3	Data Analysis	GFPTA-9	Analyze Trends Over Time	3	High	Bharti Soni	11 June 2025	12 June 2025
Sprint-3	Data Analysis	GFPTA-10	Compare Regional Food Trends	3	High	Bharti Soni	12 June 2025	13 June 2025
Sprint-4	Data Visualization	GFPTA-12	Create Line Graphs	2	High	Bharti Soni	14 June 2025	15 June 2025
Sprint-4	Data Visualization	GFPTA-13	Build Bar Charts	2	Medium	Bharti Soni	15 June 2025	16 June 2025

Sprint-4	Data Visualization	GFPTA-15	Develop Interactive Dashboards	3	High	Bharti Soni	16 June 2025	17 June 2025
Sprint-5	Model Building & Prediction	GFPTA-17	Select Features	2	Medium	Bharti Soni	18 June 2025	19 June 2025
Sprint-5	Model Building & Prediction	GFPTA-18	Train ML Models	3	High	Bharti Soni	19 June 2025	20 June 2025
Sprint-5	Model Building & Prediction	GFPTA-19	Evaluate Accuracy	2	High	Bharti Soni	20 June 2025	21 June 2025
Sprint-6	Report and Insights	GFPTA-21	Summarize Key Findings	2	High	Bharti Soni	22 June 2025	23 June 2025
Sprint-6	Report and Insights	GFPTA-22	Generate Final Report	3	High	Bharti Soni	23 June 2025	24 June 2025

	y	June	July	August
Sprints				
<ul style="list-style-type: none"> GFPTA-1 Data Collection <ul style="list-style-type: none"> GFPTA-2 Collect Relevant Data... TO DO BHARTI SONI GFPTA-3 Load the Data TO DO BHARTI SONI GFPTA-4 Data Preprocessing <ul style="list-style-type: none"> GFPTA-5 Handle Missing Values... TO DO BHARTI SONI GFPTA-6 Splitting/Merging Dataset... TO DO BHARTI SONI GFPTA-7 Data Analysis <ul style="list-style-type: none"> GFPTA-8 Perform Descriptive Statistics... TO DO BHARTI SONI GFPTA-9 Analyze Trends Over Time... TO DO BHARTI SONI GFPTA-10 Compare Regional Food... TO DO BHARTI SONI GFPTA-11 Data Visualization <ul style="list-style-type: none"> GFPTA-12 Create Line Graphs for... TO DO BHARTI SONI GFPTA-13 Build Bar Charts for Regional... TO DO BHARTI SONI GFPTA-15 Develop Interactive Dashboard... TO DO BHARTI SONI GFPTA-16 Model Building & Prediction <ul style="list-style-type: none"> GFPTA-17 Select Features for Model... TO DO BHARTI SONI GFPTA-18 Train Machine Learning Model... TO DO BHARTI SONI GFPTA-19 Evaluate Model Accuracy... TO DO BHARTI SONI GFPTA-20 Report and Insights <ul style="list-style-type: none"> GFPTA-21 Summarize Key Findings TO DO BHARTI SONI GFPTA-22 Generate a final Report TO DO BHARTI SONI 		