

Project Planning Phase

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

Date	10 March 2025
Team ID	PNT2025TMID04288
Project Name	Global Food Production Trends and Analysis
Maximum Marks	5 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	Data Collection & Extraction	GFPTA-1	Data collection & Extraction	1	Medium	Yashodip Patil
Sprint-1	Data Collection & Extraction	GFPTA-2	Downloading dataset	1	Medium	Yashodip Patil
Sprint-1	Data Preparation	GFPTA-3	Data Preparation	1	High	Yashodip Patil
Sprint-1	Data Preparation	GFPTA-4	Data Loading	1	High	Yashodip Patil
Sprint-1	Data Preparation	GFPTA-5	Data Cleaning	1	High	Yashodip Patil
Sprint-2	Data Visualization	GFPTA-6	Data Visualization	2	Medium	Abhay Shinde
Sprint-2	Data Visualization	GFPTA-7	Visualize data	2	Medium	Abhay Shinde
Sprint-2	Dashboard	GFPTA-8	Dashboard	2	High	Pranav Raskar
Sprint-2	Dashboard	GFPTA-9	Design of Dashboard	1	High	Pranav Raskar
Sprint-2	Report	GFPTA-10	Report	2	High	Pratik Bhole
Sprint-2	Report	GFPTA-11	Design of Report	1	Medium	Pratik Bhole
Sprint 3	Performance Testing	GFPTA-12	Performance testing	1	Medium	Pratik Bhole
Sprint 3	Performance Testing	GFPTA-13	Utilization of filters	1	Medium	Pranav Raskar

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint 3	Performance Testing	GFPTA-14	Amount of data loaded	1	Medium	Pranav Raskar
Sprint 3	Project Demo & Documentation	GFPTA-15	Project Demo & Documentation	1	Medium	Pranav Raskar
Sprint 3	Project Demo & Documentation	GFPTA-16	Record video	1	Medium	Abhay Shinde
Sprint 3	Project Demo & Documentation	GFPTA-17	Project documentation	1	Medium	Pranav Raskar

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint-1	5	1 Days	9 March 2025	9 March 2025	5	9 March 2025
Sprint-2	10	3 Days	9 March 2025	11 March 2025	10	9 March 2025
Sprint-3	6	2 Days	11 March 2025	12 March 2025	6	11 March 2025

Velocity:

Sprint 1 = 5

Sprint 2 = 10

Sprint 3 = 6

Velocity= Total Story Points Completed/ Number of Sprints

Total story Points = 5+10+6= 21

No of Sprints= 3

Velocity = $21/3 = 7$ points

Burndown Chart:

Sprint burndown



10 points done, 0 points to go



Sprint burndown



6 points done, 0 points to go

