

Project Planning Template: Strategic Product Placement Analysis

Date: 28 June 2025

Project Name: Strategic Product Placement Analysis: Unveiling Sales Impact

Team ID: LTVIP2025TMID50543

Maximum Marks: 5 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-1	Data Collection & Preprocessing	USN-1	Load Dataset	1	High	
Sprint-1		USN-2	Handle Missing Values	3	High	
Sprint-1		USN-3	Encode Categorical Variables	2	High	
Sprint-1		USN-4	Understand Variables & Types	2	Medium	
Sprint-2	Sales Impact Analysis	USN-5	Analyze impact of Position on Sales	3	High	
Sprint-2		USN-6	Analyze impact of Promotion	2	High	
Sprint-2		USN-7	Analyze impact of Competitor Pricing	2	Medium	
Sprint-2		USN-8	Visualize Relationships	3	High	
Sprint-3	Modeling & Deployment	USN-9	Predict Sales Volume (Model)	4	Medium	
Sprint-3		USN-10	Deploy with Flask (optional)	4	Low	

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed
Sprint-1	8	5 Days	28 June 2025	2 July 2025	8
Sprint-2	19	5 Days	3 July 2025	8 July 2025	TBD

Velocity:

Velocity = $(8 + 19) / 2 = 13.5$ story points per sprint

Burndown Chart:

