

Project Planning Phase

Project Planning Template (Product backlog, sprint planning, stories, story point)

Date – 26th July 2025

Team ID - PNT2025TMID09841

Project Name - iRevolution: A Data-driven Exploration of Apple's iPhone Impact in India

Maximum marks – 5 marks

1. Product Backlog

The product backlog lists the simplified set of user stories and features required for the project.

S.No.	User Story	Priority	Story Points
1	As a project owner, I want to clean the dataset and calculate the Value Score so that I can prepare accurate data for analysis.	High	3
2	As a user, I want to see KPIs like Average Price, Average Rating, and Discounts so that I can understand the iPhone market quickly.	High	2
3	As a consumer, I want to filter iPhones by price and rating and see the top 5 models by Value Score.	High	3
4	As an analyst, I want to compare Price vs Rating in a chart to understand customer perception vs cost.	Medium	2

2. Sprint Planning

The sprint planning outlines which user stories will be completed in each 1-day sprint.

Sprint No.	Functional Requirements	User Stories	Team Members	Total Story Points
Sprint 1 (Day 1)	Data Cleaning & Value Score Calculation	Story 1	Karishma	3
Sprint 2 (Day 2)	KPI Dashboard Creation	Story 2	Shiva Kriti	2
Sprint 3 (Day 3)	Filters & Top 5 iPhones	Story 3	Vijay Kumar, Karishma	3
Sprint 4 (Day 4)	Insights & Scatter Plot	Story 4	Shiva Kriti	2

3. Release Plan

The release plan outlines the timeline and deliverables for each sprint.

Sprint No.	Timeline (1-Day Iteration)	Key Deliverables
Sprint 1	Day 1	Clean dataset and calculate Value Score
Sprint 2	Day 2	KPI Dashboard with Avg Price, Rating, Discount
Sprint 3	Day 3	Filters and Top 5 iPhones by Value Score
Sprint 4	Day 4	Scatter Plot and Final Insights

4. Velocity Table

The velocity table tracks the story points completed per sprint.

Sprint No.	Planned Story Points	Completed Story Points
Sprint 1	3	3
Sprint 2	2	2
Sprint 3	3	3
Sprint 4	2	2

5. Burnout Table

The burnout table monitors remaining story points throughout the sprints.

Sprint No.	Total Story Points	Remaining Story Points
Sprint 1	10	7
Sprint 2	7	5
Sprint 3	5	2

Sprint 4	2	0
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