

Project Planning Phase

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

Date	27 June 2025
Team ID	LTVIP2025TMID49167
Project Name	iRevolution_ A Data-driven Exploration of Apple's iPhone Impact in India
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	USN-1	As a data analyst, I want to collect iPhone sales and market data in India	3	High	Individual
Sprint-1	Data Cleaning & Pre processing	USN-2	As a data analyst, I will clean and pre process the data for Tableau integration	2	High	Individual
Sprint-1	Data Loading in Tableau	USN-3	As a data analyst, I will import the processed data into Tableau for visualization	1	High	Individual
Sprint-2	Dashboard Creation	USN-4	As a data analyst, I will create dashboards for iPhone sales trends	3	High	Individual
Sprint-2	Insights & KPIs	USN-5	As a data analyst, I will highlight KPIs such as market share and growth rate	2	Medium	Individual
Sprint-2	User Interaction Enhancement	USN-6	As a user, I want to interact with filters to explore regional and time-based trends	3	Medium	Individual
Sprint-3	Storytelling & Report Design	USN-7	As a data analyst, I will compile a story around the impact of iPhones in India	2	Medium	Individual
Sprint-3	Export & Presentation	USN-8	As a data analyst, I will export the dashboard and prepare a project presentation	1	High	Individual

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	26 May 2025	01 June 2025	20	28 June 2025
Sprint-2	20	6 Days	02 June 2025	07 June 2025	19	28 June 2025
Sprint-3	20	6 Days	08 June 2025	13 June 2025	20	28 June 2025
Sprint-4	20	6 Days	14 June 2025	20 June 2025	18	28 June 2025

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>