

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	20feb2026
Team ID	LTVIP2026TMIDS37686
Project Name	irevolution: a data-driven exploration of apple's iphone impact in india using tab
Maximum Marks	8 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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Bindu
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	hema
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	balaji
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	bunny
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Bindu

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Dashboard	USN-5	As a user, I want to integrate all visualizations into an interactive Tableau dashboard.	4	High	hema
SPRIT-1	Trend Analysis	USN-6	As a user, I want to create line and bar charts for quarterly performance analysis.	2	Medium	balaji
Sprint-1	Report Generation	USN-7	As a user, I want to generate insights and summary reports from the dashboard.	2	Medium	bunny

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	8 Days	16 Dec 2025	23 Dec 2025	20	23 Dec 2025

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-2	20	8 Days	24 Dec 2025	31 Dec 2025	18	31 Dec 2025
Sprint-3	20	8 Days	01 Jan 2026	08 Jan 2026	20	08 Jan 2026
Sprint-4	20	8 Days	09 Jan 2026	16 Jan 2026	19	16 Jan 2026
Sprint-5	20	8 Days	17 Jan 2026	24 Jan 2026	20	24 Jan 2026
Sprint-6	20	8 Days	25 Jan 2026	01 Feb 2026	20	01 Feb 2026
Sprint-7	20	8 Days	02 Feb 2026	09 Feb 2026	18	09 Feb 2026
Sprint-8	20	8 Days	10 Feb 2026	17 Feb 2026	20	17 Feb 2026

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>

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

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