

Project Planning Phase

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

Date	12 Feb 2026
Team ID	LTVIP2026TMIDS66456
Project Name	Strategic Product Placement Analysis: Unveiling Sales Impact with Tableau Visualization
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	Data collect and Extraction of data	USN-1	Collection of data	3	High	Hemanth
Sprint-1		USN-2	Understanding data	2	medium	Hemanth
Sprint-1		USN-3	Connecting the data set with tableau	2	medium	Rajesh
Sprint-2	Data preparation	USN-1	Prepare the data for visualization	3	High	Swapna
Sprint-3	Data visualization	USN-1	No.of unique visualization	3	High	Swapna
Sprint-3	Dashboard	USN-1	Create of dashboard	3	High	Lahari
Sprint-4	story	USN-1	Create story	2	medium	Lahari

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint	Performance testing	USN-1	testing	2	medium	Lahari

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	1 Feb 2026	6 Feb 2026	20	29 Oct 2022
Sprint-2	20	6 Days	7 Feb 2026	12 Feb 2026		
Sprint-3	20	6 Days	13 Feb 2026	18 Feb 2026		
Sprint-4	20	6 Days	19 Feb 2026	24 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)

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

object 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

7

6 Days

16 june 2025

22 june 2025

7

22 june 2025

Sprint-2

2

6 Days

18 june 2025

24 june 2025

3

24 june 2025

Sprint-3

6

6 Days

20 june 2025

26 june 2025

6

26 june 2025

Sprint-4

4

6 Days

21 june 2025

27 june 2025

4

27 june 2025

Velocity:

Total Story Points

Sprint 1 = 7

Sprint 2 = 3

Sprint 3 = 6

Sprint 4 = 4
Velocity= Total Story Points Completed/ Number of Sprints

Total story Points= $7+3=6+4 =20$

No of Sprints= 4

Velocity = $(16+8)/2= 20/4$

5 (Story Points per Sprint)

Your team's velocity is 5 Story Points per Sprint.

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.atlassian.com/agile/tutorials/burndown-charts>