Project Planning Phase

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

Date	15 February 2025
Team ID	LTVIP2026TMIDS47501
Project Name	Strategic Product Placement Analysis
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Venkatesh
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Komali
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Hafeez

Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Ram Kumar
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	venkatesh
Sprint-1	Dashboard	USN-6	View basic sales dashboard	3	High	komali
Sprint-2	Analytics	USN-7	Analyze product placement performance	5	High	Ram kumar
Sprint-3	Optimization	USN-8	Performance optimization & testing	4	High	Venkatesh

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	24 dec 2026	29 dec 2025	20	29 dec 2025
Sprint-2	20	6 Days	31 dec 2025	05 jan 2026	20	05 jan 2026
Sprint-3	20	6 Days	07 jan 2026	12 jan 2026	20	12 jan 2026
Sprint-4	20	6 Days	14 jan 2026	19 jan 2026	20	19 jan 2026
Sprint-5	20	6 Days	01 Feb 2026	06 feb 2026	20	06 feb 2026

Sprint-6	20	6 Days	08 Feb 2026	13 Feb 2026	20	13 Feb 2026
Sprint-7	20	6 Days	15 Feb 2026	20 Feb 2026	20	20 Feb 2026
Sprint-8	20	6 Days	22 Feb 2026	27 Feb 2026	20	27 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)

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

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