Project Planning Phase

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

Date	4 February 2025
Team ID	LTVIP2026TMIDS39149
Project Name	Cafeteria Menu Display
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	Developer
Sprint-1	Email Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Developer
Sprint-1	Log in	USN-3	As a user, I can log into the application by entering email & password	2	High	Developer
Sprint-1	Dashboard	USN-4	As a user, I can view the cafeteria dashboard after login	3	High	Developer
Sprint-2	Add Menu	USN-5	As a admin, I can add cafeteria menu with name,date,price and status	3	High	Developer
Sprint-2	Update Menu	USN-6	As a admin, I can update cafeteria menu details	2	Medium	Developer
Sprint-3	Delete Menu	USN-7	As a admin, I can delete cafeteria menu records	1	Medium	Developer
Sprint-3	Filter Menu	USN-8	As a user, I can filter menu by date	1	Low	Developer

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	10 Days	27 Jan2 026	29 Jan 2026	20	29 Jan 2026
Sprint-2	20	10 Days	1 Feb 2026	3 Feb 2026	18	3 Feb 2026
Sprint-3	20	10 Days	5 Feb 2026	4 Feb 2026	20	4 Feb 2026
Sprint-4	20	10 Days	10 Feb 2026	18 Feb 2026	20	18 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