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

Date	19 February 2026
Team ID	LTVIP2026TMIDS87679
Project Name	Steamy Pot – Smart Food Delivery Platform
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 using email and password.	2	High	Frontend + Backend
Sprint-1	Registration	USN-2	As a user, I receive email confirmation after registration.	1	High	Backend
Sprint-1	Login	USN-3	As a user, I can login using email and password.	1	High	Frontend + Backend
Sprint-1	Dashboard	USN-4	As a user, I can view restaurants near my location.	3	High	Frontend
Sprint-1	Cart Management	USN-5	As a user, I can add or remove items from cart.	3	High	Frontend + Backend
Sprint-2	Order Management	USN-6	As a user, I can place an order.	5	High	Backend

Sprint-2	Order Management	USN-7	As a user, I can track order status.	3	High	Frontend + Backend
Sprint-2	Restaurant Module	USN-8	As a restaurant, I can add or update menu items.	4	Medium	Backend
Sprint-3	Delivery Module	USN-9	As a driver, I can accept assigned orders.	4	High	Backend
Sprint-3	Delivery Module	USN-10	As a driver, I can update delivery status.	3	High	Backend
Sprint-3	Admin Module	USN-11	As an admin, I can approve restaurants.	3	Medium	Backend
Sprint-4	Recommendation System	USN-12	As a user, I receive restaurant suggestions based on trusted contacts.	5	Medium	Backend
Sprint-4	Performance Optimization	USN-13	Optimize API performance and database indexing.	4	Medium	Backend
Sprint-4	UI Enhancement	USN-14	Improve UI responsiveness and usability.	3	Low	Frontend

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed	Sprint Release Date (Actual)

Sprint-1	10	6 Days	01 Feb 2025	06 Feb 2025	10	06 Feb 2025
Sprint-2	12	6 Days	08 Feb 2025	13 Feb 2025	11	14 Feb 2025
Sprint-3	10	6 Days	15 Feb 2025	20 Feb 2025	9	21 Feb 2025
Sprint-4	12	6 Days	22 Feb 2025	27 Feb 2025	12	27 Feb 2025

Velocity Calculation
Assume:

- Sprint Duration = 6 days
- Average Completed Story Points per Sprint ≈ 10

Team Velocity = 10 story points per sprint
Average Velocity per Day =
10 story points ÷ 6 days = 1.66 story points per day
This indicates consistent team productivity across sprints.

Burndown Chart Description (Ready to Paste)
A burndown chart represents the remaining work (story points) against time (days in sprint).
For Steamy Pot:
- X-axis → Sprint Days (1 to 6)
- Y-axis → Remaining Story Points
- Ideal Line → Linear reduction from total points to 0
- Actual Line → Real progress achieved

The burndown chart helps track:
• Sprint performance
• Delays in task completion
• Team velocity trends
• Project predictability
It ensures transparency in agile project management.