

Project Planning Phase

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

Date	26 JUNE 2025
Team ID	LTVIP2025TMID51307
Project Name	orderonthego: your on-demand food ordering solution
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	Backend Development	USN-1	Developed all backend workflows	5	High	1.V.Vennela
Sprint-1	Frontend Development	USN-2	Designed frontend integrating with backend workflows	4	Medium	1.G.Dinesh 2..G.Harish
Sprint-2	DB Development	USN-3	Developed DB schema using MONGODB	5	High	1.G.Dinesh

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	UI design	USN-4	As a user, I can get an interactive ui aligned with good themes and colors	5	High	G.Harish V.Vennela
Sprint-2	Deployment	USN-5	As a user , I can directly interact with the website without any code running	5	High	G.Dinesh

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	18 June 2025	20 June 2025	20	20 June 2025
Sprint-2	20	6 Days	20 June 2025	22 June 2025	18	22 June 2025
Sprint-3	20	6 Days	23 June 2025	25 June 2025	19	25 JUne 2025

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)

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

Total Sprints=3 Sprint Duration=2 Days Total Story Points = 57

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Velocity=Total Story Points/Number of Sprints

Velocity=57/3=19

My team's velocity is 19 Story Points per Sprint.

3 sprints × 2 days = 6 total days

Average Velocity=Sprint Duration/Total Days

Average Velocity=57/6

Average Velocity=9.15 story points per day