

Project Planning Phase

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

Date	20 June 2025
Team ID	LTVIP2025TMID52981
Project Name	orderonthego
Mentor Name	Dr Shaik Salma Begam
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	User Authentication	USN-1	As a user, I can sign up and log in securely.	3	High	Ajaykumar
Sprint-1	User Authentication	USN-2	As a user, I receive a confirmation email after registering.	1	High	snehanjali
Sprint-2	User Authentication (OAuth)	USN-3	As a user, I can register/login using Google OAuth.	2	Medium	charita
Sprint-1	Login	USN-4	As a user, I can log into the platform using my email and password.	1	Medium	chandrasekhar
Sprint-1	Restaurant Search	USN-5	As a user, I can view available restaurants filtered by cuisine and location.	3	High	Ajaykumar
Sprint-	Order History	USN-6	As a user, I can view my past orders and track ongoing	2	Medium	Snehanjali

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
2			deliveries.			
Sprint-3	Menu & Ordering	USN-7	As a user, I can browse a menu and select items to add to my order.	2	High	chandrasekhar
Sprint-3	Cart Management	USN-8	As a user, I can review my cart and update items before checkout.	2	High	charita
Sprint-3	Checkout & Payment	USN-9	As a user, I can securely checkout and receive a confirmation email.	3	High	ajaykumar

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	20 June 2025	21 June 2025	20	21 June 2025
Sprint-2	20	6 Days	22 June 2025	22 June 2025	20	22 June 2025
Sprint-3	20	6 Days	23 June 2025	24 June 2025	20	24 June 2025
Sprint-4	20	6 Days	24 June 2025	24 June 2025	20	24 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)

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

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>