

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story Points)

Date	15 February 2025
Team ID	LTVIP2025TMID20432
Project Name	BookNest: Where Stories Nestle
Maximum Marks	5 Marks

### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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	Team Member A
Sprint-1	Registration	USN-2	As a user, I will receive a confirmation email	1	High	Team Member B
Sprint-2	Registration	USN-3	As a user, I can register via LinkedIn	2	Low	Team Member A
Sprint-1	Registration	USN-4	As a user, I can register via Gmail	2	Medium	Team Member B
Sprint-1	Login	USN-5	As a user, I can log in using email and password	1	High	Team Member A
Sprint-2	Book Browsing	USN-6	As a user, I can search books by title or author	3	High	Team Member C
Sprint-2	Cart & Checkout	USN-7	As a user, I can add books to cart and checkout	4	High	Team Member C
Sprint-3	Reviews	USN-8	As a user, I can post reviews and rate books	3	Medium	Team Member D
Sprint-3	Profile	USN-9	As a user, I can view and edit my profile	2	Medium	Team Member A
Sprint-3	Admin Dashboard	USN-10	As an admin, I can manage	5	High	Team Member D

			books (add/edit/delete)			
Sprint-4	Admin Dashboard	USN-11	As an admin, I can view user activity	2	Medium	Team Member D
Sprint-4	Admin Dashboard	USN-12	As an admin, I can moderate reviews	2	High	Team Member D

### 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	6	6 Days	17 Feb 2025	22 Feb 2025	6	22 Feb 2025
Sprint-2	9	6 Days	24 Feb 2025	01 Mar 2025	9	01 Mar 2025
Sprint-3	10	6 Days	03 Mar 2025	08 Mar 2025	-	-
Sprint-4	9	6 Days	10 Mar 2025	15 Mar 2025	-	-

#### Velocity:

Team Velocity = Total Story Points / Number of Sprints Completed

$$= (6 + 9) / 2 = 7.5 \text{ points/sprint}$$

Sprint Duration = 6 days

Average Velocity = 1.25 story points/day

#### Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time.

Useful tools:

- <https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>
- <https://www.atlassian.com/agile/tutorials/burndown-charts>