Project Planning Phase

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

Date	03 February 2026
Team ID	LTVIP2026TMIDS77456
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	User can register using email & password	3	High	Adapa Jnana Chandrika
Sprint-1	Login	USN-2	User can login using valid credentials	2	High	Adapa Jnana Chandrika
Sprint-1	Book Management	USN-3	Seller can add new books	3	High	Adapa Jnana Chandrika
Sprint-1	Browse Books	USN-4	User can view book listings	2	High	Adapa Jnana Chandrika
Sprint-2	Search & Filter	USN-5	User can search books by title/author	3	High	Adapa Jnana Chandrika
Sprint-2	Cart	USN-6	User can add books to cart	3	High	Adapa Jnana Chandrika
Sprint-3	Order History	USN-7	User can view previous orders	3	Medium	Adapa Jnana Chandrika
Sprint-3	Seller Dashboard	USN-8	Seller can manage inventory & orders	5	High	Adapa Jnana Chandrika

Sprint-4	Admin Dashboard	USN-9	Admin can manage users & sellers	5	High	Adapa Jnana Chandrika

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	11	5 Days	31 Jan 2026	04 Feb 2026	11	04 Feb 2026
Sprint-2	10	5 Days	05 Feb 2026	09 Feb 2026	10	09 Feb 2026
Sprint-3	13	5 Days	10 Feb 2026	14 Feb 2026	13	14 Feb 2026
Sprint-4	8	5 Days	15 Feb 2026	19 Feb 2026	8	19 Feb 2026

Velocity:

Assume each sprint duration = 5 days
Average story points per sprint ≈ 10–12 points

Step 1: Calculate Total Story Points

Total Points = 11 + 10 + 13 + 8
Total Points = 42

Step 2 : Average Story Points per Sprint There are 4 sprints :

Average Story Points per Sprint = 42/4

= 10.5 points/sprint

Step 3 : Velocity Calculation

Formula :

Velocity = Total Story Points / Sprint Duration

Since sprint duration = 5 days

Taking average story points per sprint (10.5):

Velocity = 10.5 / 5

Velocity = 2.1 points / day