

Project Planning Phase

Planning Logic

Date	14 April 2025
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Project Name	ViewVoyage

Sprint Plan Overview

Sprint	Duration	Tasks	Effort (Story Points)
Sprint 1	2 Days	- User Registration Page Design- User Login & Authentication	10 + 10 = 20
Sprint 2	2 Days	- Book Listing & Search Functionality- User Dashboard (Buy/Sell History)	10 + 10 = 20
Sprint 3	1 Day	- Book Details Page with ISBN Auto-Fill	15
Sprint 4	2 Days	- Verified Profile & User Rating System- Reporting & Analytics for User Activity	10 + 10 = 20

Effort Level Key (Story Points)

- 1 → Very Easy
- 2 → Easy
- 3 → Moderate
- 5 → Difficult

Sprint Details & Velocity

Sprint	Duration (in working days)	Total Story Points	Velocity (SP/day)
Sprint 1	5 days	20	4 SP/day
Sprint 2	5 days	20	4 SP/day
Sprint 3	8 days	15	1.875 SP/day
Sprint 4	6 days	20	3.33 SP/day

Final Velocity Calculation

- **Total Story Points** = $20 + 20 + 15 + 20 = 75$
 - **Number of Sprints** = 4
 - **Average Velocity** = $75 / 4 = \sim 18.75 \text{ SP/sprint}$
 - **Average Daily Velocity (across all sprints)** =
Total Story Points/Total Days = $75/24 = 3.13 \text{ SP/day}$
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