

Project Planning Phase

Planning Logic

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|--------------|-----------------|
| Date | 12 April 2025 |
| Team ID | SWTID1743607143 |
| Project Name | Book Ease |

Sprint Duration → 2 Day(Sprint 1, Sprint 2, Sprint 4) , 1 Day(Sprint 3)

Story Point Effort Level:

1 → Very Easy

2 → Easy

3 → Moderate

5 → Difficult

Sprint 1: (2 Days)

- User Registration Page Design – **10**
- User Login & Authentication – **10**

Sprint 2: (2 Days)

- Book Listing & Search Functionality – **10**
- User Dashboard (Buy/Sell History) – **10**

Sprint 3: (1 Day)

- Book Details Page with ISBN Auto-Fill – **15**

Sprint 4: (2 Days)

- Verified Profile & User Rating System – **10**
- Reporting & Analytics for User Activity – **10**

| Sprint | Sprint Duration | Velocity | Average Velocity = Sprint duration/ velocity |
|----------|-----------------|----------|--|
| Sprint 1 | 5 days | 20 | 4 story points/ day |
| Sprint 2 | 5 days | 20 | 4 story points/ day |
| Sprint 3 | 8 days | 40 | 5 story points / day |
| Sprint 4 | 6 days | 20 | 3.3 story points/day |

Total Story Points Sprint 1 = 4

Total Story Points Sprint 2 = 4

Total Story Points Sprint 3 = 5

Total Story Points Sprint 4 = 3.3

Final Calculation:

Total Story Points = 4+4+5+3.3

Number of Sprints = 4

Velocity = Total Story Points / Number of Sprints

Velocity = 16.3 / 4 \approx **4.075** Story Points per Sprint

Your team's velocity is **~4.07** Story Points per Sprint.