**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 5 july 2025 |
| Team ID | LTVIP2025TMID49612 |
| 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 & Login | USN-1 | As a user, I can register with email, password, and confirmation | 2 | High |  |
| Sprint-1 |  | USN-2 | As a user, I receive a confirmation email upon registration | 1 | High |  |
| Sprint-1 |  | USN-3 | As a user, I can register via Google account | 2 | Medium |  |
| Sprint-1 | Login | USN-4 | As a user, I can log in using valid credentials | 1 | High |  |
| Sprint-1 | Login | USN-5 | As a user, I see login error for incorrect credentials | 1 | High |  |
| Sprint-2 | User Dashboard | USN-6 | As a user, I can view featured books on the home dashboard | 3 | High |  |
| Sprint-2 |  | USN-7 | As a user, I can search and filter books by category and author | 3 | High |  |
| Sprint-2 | Wishlist & Cart | USN-8 | As a user, I can add books to my wishlist | 2 | Medium |  |
| Sprint-2 |  | USN-9 | As a user, I can add books to my cart and proceed to checkout | 3 | High |  |
| Sprint-3 | Seller Dashboard | USN-10 | As a seller, I can log in and view/manage my listed books | 3 | High |  |
| Sprint-3 |  | USN-11 | As a seller, I can add new books with title, description, price, and image | 3 | High |  |
| Sprint-3 |  | USN-12 | As a seller, I can edit or delete existing books | 2 | Medium |  |
| Sprint-4 | Admin Dashboard | USN-13 | As an admin, I can view users, sellers, and analytics | 4 | High |  |
| Sprint-4 |  | USN-14 | As an admin, I can block/unblock users or sellers | 2 | High |  |
| Sprint-4 |  | USN-15 | As an admin, I can view total orders, books listed, and sales overview | 4 | Medium |  |

**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** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 7 | 6 Days | 01 June 2025 | 06 June 2025 | 7 | 06 June 2025 |
| Sprint-2 | 11 | 6 Days | 07 June 2025 | 12 June 2025 |  |  |
| Sprint-3 | 8 | 6 Days | 13 June 2025 | 18 June 2025 |  |  |
| Sprint-4 | 10 | 6 Days | 19 June 2025 | 24 June 2025 |  |  |

**📈 Velocity Calculation**

Average Velocity (Story Points per Day):  
Sprint-1: 7 Story Points / 6 Days = 1.17 SP/day  
Assuming similar productivity in upcoming sprints.

Predicted Total Velocity:  
Sprint-2 to Sprint-4 → 29 Story Points = 25 days (approx.)  
Expected Completion Date: 24 june 2025

**📉 Burndown Chart**

The burndown chart will plot:

* Y-axis: Total Story Points remaining (starting from 36)
* X-axis: Sprint Days (Day 1 to Day 24)
* The line should move downward as story points are completed.