**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 24 June 2025 |
| Team ID | LTVIP2025TMID55634 |
| Project Name | Booknest: Where Stroies 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, password, and confirmation password. | 2 | High | Pavani |
| Sprint-1 |  | USN-2 | As a user, I will receive a confirmation email after registering. | 1 | High | Pavani |
| Sprint-1 |  | USN-3 | As a user, I can register using Gmail authentication. | 2 | Medium | Pavani |
| Sprint-1 | Login | USN-4 | As a user, I can log in using email and password. | 1 | High | Pavani |
| Sprint-2 | Dashboard | USN-5 | As a user, I can view a personalized dashboard with my books and orders. | 3 | High | Pavani |
| Sprint-2 | Book Browsing | USN-6 | As a user, I can browse books and filter by genre and author. | 3 | High | Pavani |
| Sprint-2 | Wishlist | USN-7 | As a user, I can add or remove books from my wishlist using a heart icon. | 2 | Medium | Pavani |
| Sprint-3 | Cart & Order | USN-8 | As a user, I can add books to cart and place an order with address. | 4 | High | Pavani |
| Sprint-3 | Profile Management | USN-9 | As a user, I can edit my profile details (name, email, password). | 2 | Medium | Pavani |
| Sprint-4 | Admin Dashboard | USN-10 | As an admin, I can manage all books, users, and orders from a single panel. | 5 | High | Pavani |
| Sprint-4 | Admin Order Update | USN-12 | As an admin, I can update order statuses (Processing, Shipped, Delivered). | 3 | Medium | Pavani |
| Sprint-4 | Book Image Upload | USN-13 | As an admin, I can upload book front cover images when adding books. | 2 | Medium | Pavani |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

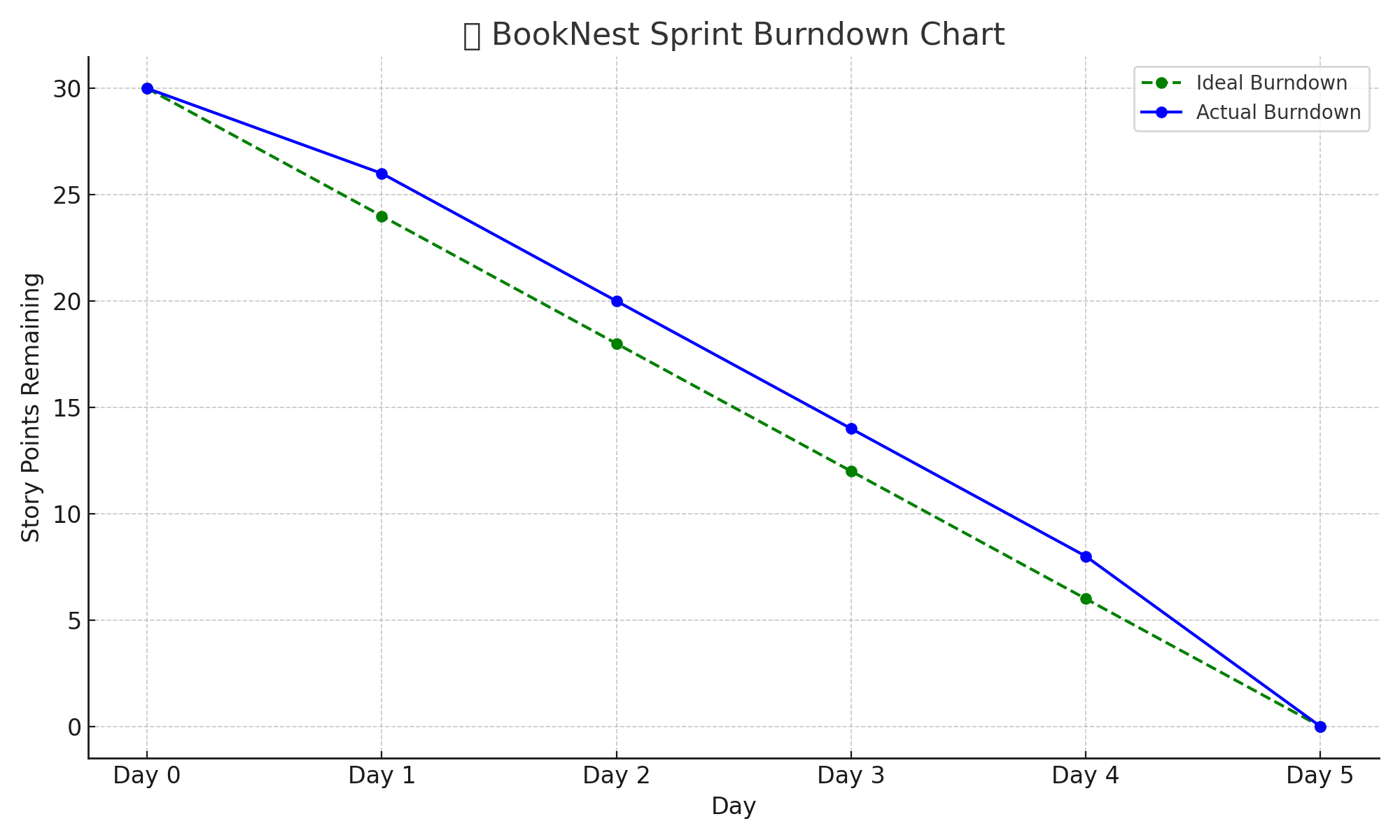
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on Planned End Date)** | **Sprint Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 6 | 6 Days | 01 Feb 2025 | 06 Feb 2025 | 6 | 06 Feb 2025 |
| Sprint-2 | 8 | 6 Days | 07 Feb 2025 | 12 Feb 2025 | 8 | 12 Feb 2025 |
| Sprint-3 | 6 | 6 Days | 13 Feb 2025 | 18 Feb 2025 | 6 | 18 Feb 2025 |
| Sprint-4 | 10 | 6 Days | 19 Feb 2025 | 24 Feb 2025 | 10 | 24 Feb 2025 |

**Velocity:**

Velocity = Total Story Points Completed​ / Number of Sprints = (46+8+6+10​) / 4 = 30 / 4​ = 7.5 Story Points per Sprint

**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile[software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.

****