**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 12 April 2025 |
| Team ID | SWTID1743519439 |
| Project Name | BookNest |
| 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 and password. | 2 | High | Aryan Sharma, Ansh Bansal |
| Sprint-1 | Registration | USN-2 | As a user, I receive confirmation email after registration. | 1 | High | Aryan Sharma |
| Sprint-1 | Registration (Gmail) | USN-4 | As a user, I can register through Gmail. | 2 | Medium | Shivam Pant |
| Sprint-1 | Login | USN-5 | As a user, I can login with email and password. | 1 | High | Ansh Bansal |
| Sprint-1 | Search/Browse Books | USN-6 | As a user, I can search or browse books. | 3 | High | Aryan Sharma,  Shivam Pant |
| Sprint-2 | Cart | USN-7 | As a user, I can add books to cart. | 2 | High | Shivam Pant,  Ansh Bansal |
| Sprint-2 | Checkout | USN-8 | As a user, I can place orders from my cart. | 3 | High | Aryan Sharma,  Ansh Bansal |
| Sprint-2 | Order Confirmation | USN-9 | As a user, I receive confirmation of my order. | 1 | Medium | Ansh Bansal |
| Sprint-2 | Order History | USN-10 | As a user, I can view my order history. | 2 | Medium | Shivam Pant |
| Sprint-3 | Admin Inventory | USN-11 | As admin, I can add/edit/delete books. | 3 | High | Aryan Sharma |
| Sprint-3 | Admin Order Management | USN-12 | As admin, I can view and manage all user orders. | 2 | Medium | Ansh Bansal,  Aditya Poduval |
| Sprint-4 | Wishlist | USN-13 | As a user, I can add books to wishlist. | 2 | Low | Shivam Pant |
| Sprint-4 | Customer Support Request | USN-14 | As a user, I can raise support requests for order or delivery issues. | 2 | Medium | Aryan Sharma,  Aditya Poduval |

**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 | 9 | 6 Days | 12 Mar 2025 | 17 Mar 2025 | 9 | 17 Mar 2025 |
| Sprint-2 | 8 | 6 Days | 19 Mar 2025 | 24 Mar 2025 | - | - |
| Sprint-3 | 5 | 6 Days | 26 Mar 2025 | 31 Mar 2025 | - | - |
| Sprint-4 | 4 | 6 Days | 03 Apr 2025 | 08 Apr 2025 | - | - |

**Velocity:**



**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.

