**Project Planning Phase**

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| --- | --- |
| **Date** | 20 June 2025 |
| **Team ID** | LTVIP2025TMID53966 |
| **Project Name** | BookNest: Where Stories Nestle |
| **Mentor Name** | Dr Shaik Salma Begam |
| **Maximum Marks** | 5 Marks |

**Product Backlog, Sprint Schedule, and Estimation**

**Description**: The product backlog is a prioritized list of features, enhancements, and functional requirements for **BookNest**. Each item is expressed as a user story and estimated with story points based on its complexity and effort. The development team plans time-boxed sprints to deliver these stories, ensuring continuous progress and timely releases.

**Product Backlog & Sprint Schedule Table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 by entering my email, password, and confirming password | 2 | High | deekshitha |
| Sprint-1 | |  | | --- | | Email Confirmation |  |  | | --- | |  | | USN-2 | As a user, I will receive a confirmation email after registering | 1 | High | deekshitha |
| Sprint-1 | Login | USN-3 | As a user, I can log in using my email and password | 1 | High | deekshitha |
| Sprint-1 | |  | | --- | | Book Browsing |  |  | | --- | |  | | USN-4 | As a user, I can browse products by category | 2 | High | deekshitha |
| Sprint-2 | |  | | --- | | Book Search/Filter |  |  | | --- | |  | | USN-5 | As a user, I can search and filter products | 2 | Medium | deekshitha |
| Sprint-2 | Cart Management | USN-6 | As a user, I can add/remove products to/from my cart | 2 | High | deekshitha |
| Sprint-2 | Order Placement | USN-7 | As a user, I can place an order for books in my cart | 2 | High | deekshitha |
| Sprint-3 | |  | | --- | | Order History |  |  | | --- | |  | | USN-8 | As a user, I can view my order history and track orders | 2 | Medium | deekshitha |
| Sprint-3 | Admin Product Management | USN-9 | As an admin, I can add/edit/delete books | 3 | High | deekshitha |
| Sprint-3 | Admin Order Management | USN-10 | As an admin, I can view and manage all orders | 2 | Medium | deekshitha |
| Sprint-4 | |  | | --- | | Book Ratings & Reviews |  |  | | --- | |  | | USN-11 | As an user, I can manage homepage banners | 2 | Low | deekshitha |
| Sprint-4 | User Profile | USN-12 | As a user, I can view and update my profile | 2 | Medium | deekshitha |

**Project Tracker, Velocity & Burndown Chart**

**Description**: The project tracker monitors sprint-wise progress, tracking completed story points and actual release dates. Team velocity is measured as the average story points delivered per sprint, which helps estimate delivery timelines for future releases.

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| --- | --- | --- | --- | --- | --- | --- |
| 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 | 2 Days | 20 June 2025 | 21 June 2025 | 6 | 21 June 2025 |
| Sprint-2 | 6 | 1 Day | 22 June 2025 | 22 June 2025 | 6 | 22 June 2025 |
| Sprint-3 | 7 | 2 Days | 23 June 2025 | 24 June 2025 | 7 | 24 June 2025 |
| Sprint-4 | 4 | 1 Day | 24 June 2025 | 24 June 2025 | 4 | 24 June 2025 |