**Project Planning Phase**

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

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| --- | --- |
| Date | 03/07/2024 |
| Team ID | SWTID1719997659 |
| Project Name | Book-Nest |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation (2 Marks)**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Database Architecture | USN-1 | * Schema for cart details * Schema for Book infos * Schema for Payment details * Schema for order details * Schema for Membership * Schema for admin details | 3  3  3  3  3  3 | High | Bhargav  Aakash |
| Sprint-2 | Backend Server | USN-2 | * Adding a book to the cart * Deleting a book from a cart * Posting a used book for sale using post operation * Updating the order details * Updating the membership details * Fetch book data using google book api * Integrating Razorpay Api for smooth transactions * Managing the login/signup details for the user | 2  2  2  4  2  2  4  2 | High | Bhargav  Harshith  Aakash  Nagendra |
| Sprint-3 | Integrating Backend and DataBase | USN-3 | Connect backend server with database using mongoose client , ensure smooth data flow and operations | 2 | High | Nagendra |
| Sprint-4 | Frontend | USN-4 | * Home Page * Sell Used books page * Cart Details * Orders Page * Login/signup * Payment * Admin Panel | 4  3  3  4  4  4  3 | High | Bhargav  Harshith  Aakash  Nagendra |
| Sprint-5 | Integrating Frontend and Backend | USN-5 | Ensure the frontend communicates effectively with the backend, handle user interactions and data display | 3 | High | Harshith |

**Project Tracker, Velocity & Burndown Chart: (2 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 | 20 | 1 Day | 06 July 2024 | 06 July 2024 |  |  |
| Sprint-2 | 20 | 1 Day | 07 July 2024 | 07 July 2024 |  |  |
| Sprint-3 | 20 | 2 Day | 08 July 2024 | 09 July 2024 |  |  |
| Sprint-4 | 20 | 2 Day | 10 July 2024 | 11 July 2024 |  |  |
| Sprint -5 | 20 | 1 Day | 12 July 2024 | 12 July 2024 |  |  |