**Project Planning Phase**

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

| Date | 24 March 2025 |
| --- | --- |
| Team ID | **SWTID1744137899** |
| Project Name | Book-store Quasar Books |
| Maximum Marks | 5 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story No.** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Registration | USN-1 | As a user, I can register with email/password. | 2 | High | Shreya, Anvesha |
|  |  | USN-2 | Receive confirmation email after registration. | 1 | High | Anvesha |
|  | Login | USN-5 | As a user, I can log in with email/password. | 1 | High | Shreya |
|  | Dashboard | USN-6 | View personalized book recommendations. | 3 | Medium | Diya |
| Sprint-2 | Social Auth | USN-3 | Register/login via Facebook. | 3 | Low | Anvesha |
|  |  | USN-4 | Register/login via Gmail. | 3 | Medium | Shreya |
|  | Cart | USN-7 | Add/remove books from cart. | 5 | High | Diya, Suhani |
| Sprint-3 | Payments | USN-8 | Checkout with Stripe integration. | 8 | High | Suhani, DevOps |

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

| **Sprint** | **Total SP** | **Duration** | **Start Date** | **End Date (Planned)** | **SP Completed** | **Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 7 | 6 Days | 20 Mar 2025 | 25 Mar 2025 | 7 | 25 Mar 2025 |
| Sprint-2 | 11 | 6 Days | 26 Mar 2025 | 31 Mar 2025 | 11 | 31 Mar 2025 |
| Sprint-3 | 10 | 6 Days | 01 Apr 2025 | 06 Apr 2025 | 10 | 06 Apr 2025 |
| Sprint-4 | 8 | 6 Days | 07 Apr 2025 | 10 Apr 2025 | 8 | 10 Apr 2025 |

**Velocity:**

**Metrics**

**1. Velocity**

* **Average Velocity**: 36 SP / 4 sprints = **9 SP/sprint**
* **Daily Velocity**: 9 SP / 6 days = **1.5 SP/day**

**2. Sample Burndown Chart (Sprint-1, 7 SP total)**

Day 1: 6 SP remaining

Day 2: 5

Day 3: 4

Day 4: 3

Day 5: 1

Day 6: 0