**Project Planning Phase**

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

| Date | 5 July 2024 |
| --- | --- |
| Team ID | SWTID1720014974 |
| Project Name | Book-Store |
| Maximum Marks | 4 Marks |

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

Use the below template to create product backlog and sprint schedule

| **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 for the application by entering my email, password, and confirming my password. | 2 | High | pardhiv,  manideep |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 2 | High | keerthi |
| Sprint-2 |  | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | shrinivasan |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | pardhiv |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 2 | High | manideep |
| Sprint-1 | Book Listings | USN-6 | As a user, I can view a list of available books with details like title, author, genre, and price. | 2 | High | keerthi |
| Sprint-2 | Book Selection | USN-7 | As a user, I can filter books based on genre, author, ratings, and popularity | 2 | High | shrinivasan |
| Sprint-2 | Purchase Process | USN-8 | As a user, I can add books to my cart and complete the purchase securely. | 3 | High | manideep,  keerthi |
| Sprint-2 | Order Confirmation | USN-9 | As a user, I receive a confirmation page or notification with order details after a successful purchase. | 3 | High | pardhiv,  shrinivasan |
| Sprint-3 | Order History | USN-10 | As a user, I can view my past and current orders, track shipments, and review purchased books. | 3 | High | pardhiv,  keerthi |
| Sprint-3 | Dashboard | USN-11 | As a user, I can view a dashboard with personalized book recommendations based on my preferences. | 3 | High | manideep,  shrinivasan |
| Sprint-3 | Inventory Management | USN-12 | As an admin, I can manage book availability, stock levels, and ratings efficiently. | 3 | High | pardhiv,  shrinivasan |
| Sprint-3 | User Reviews | USN-13 | As a user, I can leave reviews and ratings for purchased books. | 2 | Medium | keerthi |
| Sprint-3 | Profile Management | USN-14 | As a user, I can manage my profile details and view my reading statistics. | 2 | Medium | manideep |

**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 | 10 | 4 Days | 01 July 2024 | 04 July 2024 |  |  |
| Sprint-2 | 10 | 4 Days | 04 July 2024 | 08 July 2024 |  |  |
| Sprint-3 | 13 | 4 Days | 09 July 2024 | 12 July 2024 |  |  |
|  |  |  |  |  |  |  |

**Velocity:**

we have a 3-day sprint duration, and the total story points for all sprints are 33 points. Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day).

Average Velocity= = = 2.75 points per day