**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date: 15 February 2025 | 15 February 2025 |
| Team ID | LTVIP2025TMID59701 |
| Project Name: | BOOKNEST: Where Stories Nestle |
| 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  Number | User Story / Task | Story Points | Priority | Team  Members |
| Sprint-1 | Registration | USN-1 | As a user, I can register with email and password. | 2 | High | Frontend Dev |
| Sprint-1 | Registration | USN-2 | As a user, I will receive a  confirmation email after registration. | 1 | High | Backend Dev |
| Sprint-2 | Registration | USN-3 | As a user, I can register via  Facebook. | 2 | Low | Full Stack  Dev |
| Sprint-1 | Registration | USN-4 | As a user, I can register via Gmail. | 2 | Medium | Frontend Dev |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application using my credentials. | 1 | High | Frontend Dev |
| Sprint-2 | Books | USN-6 | As a user, I can browse | 3 | High | Frontend Dev |
|  |  |  | all available books. |  |  |  |
| Sprint-2 | Books | USN-7 | As a user, I can filter books by genre and rating. | 2 | Medium | Frontend Dev |
| Sprint-3 | Cart | USN-8 | As a user, I can add books to my cart. | 2 | High | Frontend Dev |
| Sprint-3 | Cart | USN-9 | As a user, I can modify quantities in my cart. | 2 | Medium | Frontend Dev |
| Sprint-4 | Order | USN-10 | As a user, I can checkout and place an order. | 3 | High | Backend Dev |
| Sprint-4 | Order History | USN-11 | As a user, I can view my past orders. | 2 | Medium | Backend Dev |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End  Date  (Planned) | Story Points Completed |
| Sprint-1 | 20 | 6 Days | 20 Feb 2025 | 25 Feb 2025 | 20 |
| Sprint-2 | 20 | 6 Days | 26 Feb 2025 | 03 Mar 2025 | 18 |
| Sprint-3 | 20 | 6 Days | 04 Mar 2025 | 09 Mar 2025 | 19 |
| Sprint-4 | 20 | 6 Days | 10 Mar 2025 | 15 Mar 2025 | 17 |

Velocity:

For 6-day sprint cycles, average velocity observed: ~18 story points/sprint.