**Project Planning Phase**

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

|  |  |  |
| --- | --- | --- |
| **Date** | **26-05-2025** |  |
| **Team ID** | **LTVIP2025TMID53102** |  |
| **Project Name** | **SHOPEZ:ONE-STOP SHOP FOR ONLINE PURCHASES** |  |
| **Maximum Marks** | **5 Marks** |  |

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

**Product Backlog & Sprint Schedule – ShopEZ**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** |
| --- | --- | --- | --- | --- | --- |
| **Sprint-1** | User Authentication | USN-1 | As a user, I can securely register and log in to the platform. | 3 | High |
|  |  | USN-2 | As a user, I can reset my password in case I forget it. | 2 | Medium |
| **Sprint-2** | Product Browsing & Search | USN-3 | As a user, I can browse and filter products by category. | 3 | High |
|  |  | USN-4 | As a user, I can view detailed information about each product. | 2 | High |
| **Sprint-3** | Cart & Checkout | USN-5 | As a user, I can add or remove items from the cart. | 3 | High |
|  |  | USN-6 | As a user, I can proceed to checkout and confirm an order. | 3 | High |
| **Sprint-4** | Admin & Order Management | USN-7 | As an admin, I can add, edit, or delete products. | 3 | High |
|  |  | USN-8 | As an admin, I can manage users and monitor orders. | 3 | Medium |
|  |  | USN-9 | As a user, I can view my order history and track delivery status. | 2 | Medium |

**Project Tracker, Velocity & Burndown Chart – ShopEZ**

| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed** | **Sprint Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | 20 | 6 Days | 1 May 2025 | 2 June 2025 | 20 | 2 June 2025 |
| Sprint-2 | 20 | 6 Days | 3 May 2025 | 4 June 2025 | 20 | 4 June 2025 |
| Sprint-3 | 20 | 6 Days | 5 May 2025 | 6 June 2025 | 20 | 6 June 2025 |
| Sprint-4 | 20 | 6 Days | 7 May 2025 | 8 June 2025 | 20 | 8 June 2025 |

**Sprint Velocity Insight**

* Team maintains **consistent delivery of 20 story points** per sprint, indicating strong planning and efficient execution.
* Development followed an **agile methodology** with incremental features and regular testing.

**Burndown Chart Note**

To visualize project progress:

* **X-axis:** Sprint days (0–6 per sprint)
* **Y-axis:** Remaining story points (starting from 20)
* The line graph should show a **steady decline to 0** by the end of each sprint, representing completed tasks.