**Project Planning Phase**

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

| **Team ID** | **LTVIP2025TMID20429** |
| --- | --- |
| **Project Name** | ShopEZ: One Stop Shop For Online Purchases |
| **Date** | 19 July 2025 |
| **Maximum Marks** | 5 Marks |

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

| **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 by entering email, password, and confirming password. | 2 | High |  |
| Sprint-1 | Registration | USN-2 | As a user, I will receive confirmation email after registering. | 1 | High |  |
| Sprint-1 | Registration | USN-3 | As a user, I can register using Gmail. | 2 | Medium |  |
| Sprint-1 | Login | USN-4 | As a user, I can log into the application using email & password. | 1 | High |  |
| Sprint-2 | Product Browsing | USN-5 | As a user, I can view and filter products based on category and price. | 3 | High |  |
| Sprint-2 | Cart | USN-6 | As a user, I can add and remove products from the cart. | 2 | High |  |
| Sprint-2 | Checkout | USN-7 | As a user, I can enter shipping details and make payment. | 3 | High |  |
| Sprint-3 | Order Tracking | USN-8 | As a user, I can view my order status and history. | 2 | Medium |  |
| Sprint-3 | Admin Dashboard | USN-9 | As an admin, I can manage users, products, and view orders. | 4 | High |  |

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

| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed** |
| --- | --- | --- | --- | --- | --- |
| Sprint-1 | 6 | 6 Days | 01 Aug 2025 | 06 Aug 2025 | 6 |
| Sprint-2 | 8 | 6 Days | 07 Aug 2025 | 12 Aug 2025 | 8 |
| Sprint-3 | 6 | 6 Days | 13 Aug 2025 | 18 Aug 2025 | 6 |

**Velocity:**

Average team velocity:

* Sprint Duration: 6 days
* Velocity: 20 story points per sprint
* **Average Velocity** = 20 ÷ 6 = **3.33 story points/day**

**Burndown Chart:**

A burndown chart shows remaining work over time. ShopEZ's agile team can plot story points left on the Y-axis and sprint days on the X-axis to visualize progress and adjust pace if necessary.