**Project Planning Phase**

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| --- | --- |
| **Date** | **20 June 2025** |
| **Team ID** | **LTVIP2025TMID24654** |
| **Project Name** | **Shopez : one-stop shop for online purchases** |
| **Mentor Name** | **Dr Shaik Salma Begam** |
| **Maximum Marks** | **5 Marks** |

**Product Backlog, Sprint Schedule, and Estimation**

**Description :**The product backlog is a prioritized list of features, enhancements, and bug fixes required for Shopez. Each item is broken down into user stories, which are then estimated using story points based on complexity and effort. The team plans sprints (time-boxed periods) to deliver a set of user stories, ensuring steady progress and regular releases.

**Product Backlog & Sprint Schedule Table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 my email, password, and confirming password | 2 | High | Phanindra |
| Sprint-1 | Registration | USN-2 | As a user, I will receive a confirmation email after registering | 1 | High | Anusha |
| Sprint-1 | Login | USN-3 | As a user, I can log in using my email and password | 1 | High | Yaswanth |
| Sprint-1 | Product Browsing | USN-4 | As a user, I can browse products by category | 2 | High | Mounika |
| Sprint-2 | Product Search/Filter | USN-5 | As a user, I can search and filter products | 2 | Medium | Yaswanth |
| Sprint-2 | Cart Management | USN-6 | As a user, I can add/remove products to/from my cart | 2 | High | Mounika |
| Sprint-2 | Order Placement | USN-7 | As a user, I can place an order for products in my cart | 2 | High | Phanindra |
| Sprint-3 | Order Tracking | USN-8 | As a user, I can view my order history and track orders | 2 | Medium | Anusha |
| Sprint-3 | Admin Product Management | USN-9 | As an admin, I can add/edit/delete products | 3 | High | Phanindra |
| Sprint-3 | Admin Order Management | USN-10 | As an admin, I can view and manage all orders | 2 | Medium | Mounika |
| Sprint-4 | Banner Management | USN-11 | As an admin, I can manage homepage banners | 2 | Low | Anusha |
| Sprint-4 | User Profile | USN-12 | As a user, I can view and update my profile | 2 | Medium | Yaswanth |

**Project Tracker, Velocity & Burndown Chart**

**Description :**The project tracker monitors sprint progress, story points completed, and actual release dates. Velocity is calculated as the average number of story points completed per sprint, helping the team forecast future delivery.

**Project Tracker Table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 | 6 | 2 Days | 20 June 2025 | 21 June 2025 | 6 | 21 June 2025 |
| Sprint-2 | 6 | 1 Day | 22 June 2025 | 22 June 2025 | 6 | 22 June 2025 |
| Sprint-3 | 7 | 2 Days | 23 June 2025 | 24 June 2025 | 7 | 24 June 2025 |
| Sprint-4 | 4 | 1 Day | 24 June 2025 | 24 June 2025 | 4 | 24 June 2025 |