**Project Planning Phase**

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

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| --- | --- |
| Date | 27 June 2024 |
| Team ID | SWTID1720001202 |
| Project Name | Shop-EZ (E-commerce Website) |
| 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 | Aarsh |
| Sprint-1 | Registration | USN-2 | As a user, I will receive a confirmation email once I have registered for the application. | 1 | High | Hemanthini |
| Sprint-2 | Registration | USN-3 | As a user, I can register for the application through Facebook. | 2 | Low | Aquib |
| Sprint-2 | Registration | USN-4 | As a user, I can register for the application through Gmail. | 2 | Medium | Soham |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password. | 1 | High | Aarsh |
| Sprint-1 | Dashboard | USN-6 | As a user, I can view a personalized dashboard with my account information, order history, and recommended products. | 3 | Medium | Hemanthini |
| Sprint-2 | Product Search | USN-7 | As a user, I can search for products using keywords, filters, and categories. | 5 | High | Aquib |
| Sprint-2 | Product Page | USN-8 | As a user, I can view detailed information about a product, including images, descriptions, reviews, and ratings. | 3 | High | Soham |
| Sprint-3 | Cart | USN-9 | As a user, I can add products to my cart, view the cart, and update quantities or remove items. | 3 | High | Aarsh |
| Sprint-3 | Checkout | USN-10 | As a user, I can proceed to checkout, enter shipping and payment information, and place an order. | 5 | High | Hemanthini |
| Sprint-4 | Order Confirmation | USN-11 | As a user, I will receive an order confirmation email with the order details and estimated delivery date. | 1 | High | Aquib |
| Sprint-4 | Order Tracking | USN-12 | As a user, I can track the status of my order from shipment to delivery. | 3 | Medium | Soham |
| Sprint-5 | Reviews & Ratings | USN-13 | As a user, I can leave reviews and ratings for products I have purchased. | 2 | Medium | Aarsh |

**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 | 20 | 3 Days | 02-Jul-24 | 04-Jul-24 | 20 | 04-Jul-24 |
| Sprint-2 | 20 | 3 Days | 05-Jul-24 | 07-Jul-24 | 20 | 07-Jul-24 |
| Sprint-3 | 20 | 2 Days | 08-Jul-24 | 09-Jul-24 | 20 | 09-Jul-24 |
| Sprint-4 | 20 | 2 Days | 10-Jul-24 | 11-Jul-24 | 20 | 11-Jul-24 |
| Sprint-1 | 20 | 3 Days | 02-Jul-24 | 04-Jul-24 | 20 | 04-Jul-24 |

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day).

