**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 04 July 2024 |
| Team ID | SWTID1720171927 |
| Project Name | Project – SB Foods-Food Ordering App |
| 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 | Vasavi |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 2 | High | Vasavi |
| Sprint-1 |  | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Kalyan |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Kalyan |
| Sprint-2 | Login& Menu Browsing | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Praneetha |
| Sprint-2 |  | USN-6 | As a user, I can browse the food menu and see various categories. | 3 | High | Praneetha |
| Sprint-2 |  | USN-7 | As a user, I can search for specific dishes or restaurants. | 3 | Medium | Pavani |
| Sprint-2 |  | USN-8 | As a user, I can add items to my cart. | 3 | High | Kalyan |
| Sprint-3 | Ordering | USN-9 | As a user, I can view my cart and see the total price. | 2 | Medium | Vasavi |
| Sprint-3 |  | USN-10 | As a user, I can place an order and choose a payment method. | 4 | High | Praneetha |
| Sprint-4 | Order Tracking | USN-11 | As a user, I can track my order status in real-time. | 3 | Medium | Pavani |
| Sprint-4 |  | USN-12 | As a user, I can receive notifications about my order status updates. | 3 | Medium | Kalyan |

**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 | 8 | 3 Days | 4 Jul 2024 | 6 Jul 2024 | 6 | 7 Jul 2024 |
| Sprint-2 | 10 | 3 Days | 7 Jul 2024 | 9 Jul 2024 | 7 | 10 Jul 2024 |
| Sprint-3 | 6 | 3 Days | 10 Jul 2024 | 12 Jul 2024 | 6 | 12 Jul 2024 |
| Sprint-4 | 6 | 1 Days | 13 Jul 2024 | 13 Jul 2024 | 6 | 13 Jul 2024 |

**Velocity:**

With the sprints being shorter and totalling 30 points, we can calculate the team's average velocity per iteration unit (story points per day). Given the total of 10 days (including each sprint's duration):

* Average Velocity (AV) per iteration unit = Total Story Points / Total Days = 30 / 10 = 3 story points per day.

Burn down Chart

|  |  |  |
| --- | --- | --- |
| **Date** | **Estimate Effort** | **Actual Effort** |
| 4 Jul 2024 | 28 | 28 |
| 5 Jul 2024 | 25 | 25 |
| 6 Jul 2024 | 22 | 24 |
| 7 Jul 2024 | 18 | 20 |
| 8 Jul 2024 | 15 | 15 |
| 9 Jul 2024 | 12 | 12 |
| 10 Jul 2024 | 10 | 10 |
| 11 Jul 2024 | 6 | 6 |
| 12 Jul 2024 | 3 | 3 |
| 13 Jul 2024 | 0 | 0 |

