**Project Planning Phase**

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

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| --- | --- |
| Date | 06-07-2024 |
| Team ID | SWTID1720074953 |
| Project Name | SB Foods –Food Ordering App |
| Maximum Marks | 4 Marks |

**Product Backlog, Sprint Schedule, and Estimation (2 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 for the application by entering my email, password, and confirming my password. | 2 | High | Bhuvaneswari.K,BodagalaGayathri |
| Sprint-1 | Registration | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Bhuvaneswari.K,BodagalaGayathri |
| Sprint-2 | Registration | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Bhuvaneswari.K,BodagalaGayathri |
| Sprint-1 | Registration | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | K.Bhavana,Bodagala Gayathri |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | K.Bhavana,Bodagala Gayathri |
| Sprint-2 | Dashboard | USN-6 | As a user, I can view a dashboard showing available restaurants. | 5 | High | Bhuvaneswari.K,P.Lahari |
| Sprint-2 | Browse Restaurants | USN-7 | As a user, I can browse restaurants and view their menus. | 8 | High | Bhuvaneswari.K,K.Bhavana |
| Sprint-2 | Add to Cart | USN-8 | |  | | --- | |  |  |  | | --- | | As a user, I can add items to my cart. | | 3 | High | K.Bhavana,Bodagala Gayathri |
| Sprint-3 | Place Order | USN-9 | As a user, I can place an order and make a payment. | 8 | High | P.Lahari,K.bhavana |
| Sprint-3 | Order Tracking | USN-10 | As a user, I can track my order in real-time. | 5 | Medium | K.Bhavana,Bodagala Gayathri |
| Sprint-3 | Notifications | USN-11 | As a user, I can receive notifications about my order status. | 5 | Medium | P.Lahari,K.bhavana |
| Sprint-4 | Order History | USN-12 | As a user, I can view my past orders. | 5 | Medium | Bhuvaneswari.K,P.Lahari |
| Sprint-4 | Reviews | USN-13 | As a user, I can leave a review for a restaurant. | 3 | Low | P.Lahari,K.bhavana |
| Sprint-4 | Admin Management | USN-14 | As an admin, I can manage restaurants (add/update/delete). | 8 | Medium | Bhuvaneswari.K,P.Lahari |
| Sprint-4 | Admin Management | USN-15 | As an admin, I can manage orders (update order status). | 8 | Medium | P.Lahari,K.bhavana |
| Sprint-5 | Analytics | USN-16 | As an admin, I can view analytics and reports on orders and user activity. | 13 | Low | K.Bhavana,Bodagala Gayathri |
| Sprint-5 | Security | USN-17 | Implement authentication and authorization features to ensure secure access. | 8 | High | Bhuvaneswari.K,K.Bhavana |
| Sprint-5 | CI/CD Pipeline | USN-18 | Set up a CI/CD pipeline to automate the deployment process. | 8 | Medium | Bhuvaneswari.K,K.Bhavana |

**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 | 6 Days | 10 June 2024 | 16June 2024 | 20 | 17 June 2024 |
| Sprint-2 | 20 | 6 Days | 17June 2024 | 23June 2024 | 18 | 24 June 2024 |
| Sprint-3 | 20 | 6 Days | 24 June 2024 | 30June 2024 | 15 | 1 July 2024 |
| Sprint-4 | 20 | 6 Days | 2 July 2024 | 8 July 2024 |  |  |

**Velocity:**

Velocity=Total Story Points Completed​ / Number of Sprints

Velocity=20+18+15/3=53 / 3

=17.67

So, the team's average velocity without including Sprint 4 is **17.67 story points per sprint**.

**Burndown Chart:**

**A screenshot of a spreadsheet

Description automatically generated**

A graph with lines and numbers

Description automatically generated

**Reference:**

[**https://www.atlassian.com/agile/project-management**](https://www.atlassian.com/agile/project-management)

[**https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software**](https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software)

[**https://www.atlassian.com/agile/tutorials/epics**](https://www.atlassian.com/agile/tutorials/epics)

[**https://www.atlassian.com/agile/tutorials/sprints**](https://www.atlassian.com/agile/tutorials/sprints)

[**https://www.atlassian.com/agile/project-management/estimation**](https://www.atlassian.com/agile/project-management/estimation)

[**https://www.atlassian.com/agile/tutorials/burndown-charts**](https://www.atlassian.com/agile/tutorials/burndown-charts)