**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 15 February 2025 |
| Team ID | LTVIP2025TMID53097 |
| Project Name | OrderOnTheGo- Your On-Demand Food Ordering Solution |
| Maximum Marks | 5 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 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 by entering my email, password, and confirming my password. | 2 | High |  |
| Sprint-1 |  | USN-2 | As a user, I will receive a confirmation email once I register. | 1 | High |  |
| Sprint-1 |  | USN-4 | As a user, I can register using Gmail. | 2 | Medium |  |
| Sprint-2 |  | USN-3 | As a user, I can register using Facebook. | 2 | Low |  |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application with email & password. | 1 | High |  |
| Sprint-1 | Product Browsing | USN-6 | As a user, I can view all food items listed with image, price, and description. | 3 | High |  |
| Sprint-2 | Cart | USN-7 | As a user, I can add and remove food items from the cart. | 3 | High |  |
| Sprint-3 | Checkout | USN-8 | As a user, I can enter delivery details and confirm my order. | 2 | High |  |
| Sprint-3 | Admin Panel | USN-9 | As an admin, I can add, update, or delete food items from the backend. | 3 | Medium |  |
| Sprint-4 | Order History | USN-10 | As a user, I can view my past orders. | 2 | Medium |  |
| Sprint-4 | Late-Night Filter | USN-11 | As a user, I can see restaurants open for late-night delivery. | 2 | Medium |  |

**Project Tracker, Velocity & Burndown Chart: (4 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 | 10 | 6 Days | 24 Feb 2025 | 29 Feb 2025 | 10 | 29 Feb 2025 |
| Sprint-2 | 5 | 6 Days | 01 Mar 2025 | 06 Mar 2025 | - | - |
| Sprint-3 | 5 | 6 Days | 07 Mar 2025 | 12 Mar 2025 | - | - |
| Sprint-4 | 4 | 6 Days | 13 Mar 2025 | 18 Mar 2025 | - | - |

**Velocity:**

 Average team velocity = **20 points per 10-day sprint**

 For 6-day sprints:  
**Estimated Velocity per Sprint** ≈ 12 story points  
(You’re using 10–12 points in each sprint, which is appropriate.

av = sprint duration / velocity

 **Sprint Duration** = 6 days

 **Velocity** = 1.67 story points/day

av = 6 / 1.67 ≈ 3.59

**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile[software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.

[**https://www.visual-paradigm.com/scrum/scrum-burndown-chart/**](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)

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

**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)