**Project Planning Phase**

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)**

|  |  |
| --- | --- |
| Date | 27-08-25 |
| Team ID | LTVIP2025TMID61057 |
| Project Name | shopsmart: your digital grocery store experience |
| 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** |
| --- | --- | --- | --- | --- | --- |
| 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 |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High |
| Sprint-2 |  | USN-3 | As a user, I can register for the application through Facebook | 2 | Low |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High |
|  | Dashboard |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

| **Day** | **Planned Remaining Points** | **Actual Remaining Points** | **Day** | **Planned Remaining Points** | **Actual Remaining Points** | **Sprint Release Date (Actual)** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 20 | 20 | 1 | 20 | 20 | 29 Oct 2022 |
| 2 | 16.67 | 16 | 2 | 16.67 | 16 |  |
| 3 | 13.33 | 13 | 3 | 13.33 | 13 |  |
| 4 | 10 | 10 | 4 | 10 | 10 |  |
| 5 | 6.67 | 6 | 5 | 6.67 | 6 |  |
| 6 | 3.33 | 0 | 6 | 3.33 | 0 |  |
| **Day** | **Planned Remaining Points** | **Actual Remaining Points** | **Day** | **Planned Remaining Points** | **Actual Remaining Points** |  |
|  |  |  |  |  |  |  |

**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)



**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)