**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 23 Jun 2025 |
| Team ID | LTVIP2025TMID49086 |
| Project Name | iRevolution: A Data-driven Exploration of Apple's iPhone Impact in India using Tableau. |
| 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 for the application by entering my email, password, and confirming my password. | 2 | High | Gadimudi Jyothi,  J Maharshi Reddy |
| Sprint-1 | Registration | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Gadimudi Jyothi,  J Maharshi Reddy |
| Sprint-2 | Registration | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Gadimudi Jyothi,  J Maharshi Reddy |
| Sprint-2 | Registration | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Gadimudi Jyothi,  J Maharshi Reddy |
| Sprint-3 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Gadimudi Jyothi,  J Maharshi Reddy |
| Sprint-4 | Dashboard | USN-6 | |  |  | | --- | --- | | As a user, I want to view interactive visualizations of iPhone usage trends in India. |  | | 3 | High | Gadimudi Jyothi,  J Maharshi Reddy |

**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 | 20 | 6 Days | 26 May 2025 | 31 may 2025 | 20 | 31 May 2025 |
| Sprint-2 | 18 | 6 Days | 02 Jun 2025 | 07 Jun 2025 | 18 | 07 Jun 2025 |
| Sprint-3 | 22 | 6 Days | 09 Jun 2025 | 14 Jun 2025 | 20 | 14 Jun 2025 |
| Sprint-4 | 20 | 6 Days | 16 Jun 2025 | 21 Jun 2025 | 18 | 21 Jun 2025 |
| Sprint-5 | 18 | 5 Days | 23 Jun 2025 | 27 Jun 2025 | 15 | 27 Jun 2025 |

**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)

Got it! Here's the **entire calculation in a single line**:



**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)