**Project Planning Phase**

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

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| --- | --- |
| Date | 29 Jul 2025 |
| Team ID | LTVIP2025TMID47516 |
| 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 | Data setup | USN-1 | As a team member, I can collect and store datasets into DB2 | 3 | High |  |
| Sprint-1 |  | USN-2 | As a team member, I can perform SQL operations to clean and prepare the data | 1 | High |  |
| Sprint-2 |  | USN-3 | As a team member, I can create ER diagram and table relationships | 2 | Low |  |
| Sprint-1 |  | USN-4 | As a Tableau developer, I can build dashboards to show sales and demographic insights | 2 | Medium |  |
| Sprint-1 | Login | USN-5 | As a Tableau developer, I can visualize cultural and sentiment analysis | 1 | High |  |
|  | Dashboard |  |  |  |  |  |
|  |  |  |  |  |  |  |
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**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 | 6 | 6 Days | 10 Feb 2025 | 15 Feb 2025 | 20 | 29 Oct 2022 |
| Sprint-2 | 5 | 6 Days | 17 Feb 2025 | 22 Feb 2025 |  |  |
| Sprint-3 | 4 | 6 Days | 24 Feb 2025 | 01 Mar 2025 |  |  |
| Sprint-4 | 4 | 6 Days | 03 Mar 2025 | 08 Mar 2025 |  |  |
|  |  |  |  |  |  |  |
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**Velocity Example:**

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:**

You can generate the burndown chart using:

* Excel (line chart with target vs completed story points)
* Tools like Jira, Trello, or [Visual Paradigm Burndown Chart Generator](https://www.visual-paradigm.com/scrum/scrum-burndown-chart/)