**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 25 June 2025 |
| Team ID | LTVIP2025TMID47817 |
| Project Name | **ToyCraft Tales: Tableau's Vision into Toy**  **Manufacturer Data** |
| 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 Collection | USN-1 | As a user, I want to collect toy manufacturer data from MySQL | 2 | High | Reshma |
| Sprint-1 |  | USN-2 | As a user, I want to load data into Tableau for analysis | 1 | High | Bindusree |
| Sprint-2 | Data Preprocessing | USN-3 | As a user, I want to clean and handle missing values in the dataset | 3 | Medium | Dinesh |
| Sprint-2 |  | USN-4 | As a user, I want to group Index values using binning technique | 2 | Medium | Charan |
| Sprint-1 | Dashboard Design | USN-5 | As a user, I want to create charts like pie, bar, map, and line using Tableau | 5 | High | Charan |
| Sprint-1 |  | USN-6 | As a user, I want to create an interactive dashboard combining multiple charts | 3 | High | Dinesh |
| Sprint-2 | Story Design | USN-7 | As a user, I want to build a Tableau story that walks through key insights | 3 | Medium | Bindusree |
| Sprint-2 | Deployment | USN-8 | As a user, I want to export dashboards & charts as a report in Word/PDF format | 5 | High | Reshma |

**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 | 11 | 6 Days | 15 June 2025 | 20 June 2025 | 11 | 20 June 2025 |
| Sprint-2 | 13 | 6 Days | 22 June 2025 | 27 June 2025 | 13 | 27 June 2025 |

**Velocity:**

* Total Story Points = 24
* Number of Sprints = 2
* Velocity = 24 / 2 = 12 Story Points per Sprint
* Velocity per Day = 12 / 6 = 2 Story Points/Day

**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile [HYPERLINK "https://www.visual-paradigm.com/scrum/what-is-agile-software-development/"software development HYPERLINK "https://www.visual-paradigm.com/scrum/what-is-agile-software-development/"](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [HYPERLINK "https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/"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.

