

## Project Planning Phase

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

Date	23 January 2024
Team ID	591197
Project Name	Graphical Advantages: A tableau Exploration of Top Manga
Maximum Marks	8 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	Upon entering the Tableau exploration, I can see a visually appealing dashboard that presents information about the top manga titles.	2	High	
Sprint-1		USN-2	The Tableau visualization includes key metrics such as popularity, ratings, genres, and publication status of the top manga titles.	1	High	
Sprint-2		USN-3	As a user, I can easily share my favorite manga titles or the entire Tableau exploration on social media platforms directly from the application.	2	Low	
Sprint-2	Login	USN-4	The application sends a notification or provides a visible confirmation when new top manga titles are added or rankings are updated.	2	Medium	
Sprint-1		USN-5	Each manga title in the Tableau exploration is represented with relevant images, title, and a brief description.	1	High	

**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	1 Days	24 Dec 2023	24 Dec 2023	10	23 Jan 2024
Sprint-2	20	2 Days	31 Dec 2023	31 Dec 2023		

**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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

AV= 1/10= 0.1

### 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 methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

#### 1. Create estimate effort

	Day 1	Day 2
Effort remaining	3	2

#### Step 2 – Track Daily Process

task	Hours	Day 1	Day 2	Total
Task 1	5	3	2	5
Task 2	5	2	3	5
Task 3	5	1	4	5

#### Plot the burnout



