

## Project Planning Phase

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

Date	24 October 2023
Team ID	Team-591256
Project Name	Project – Voyage Vista
Maximum Marks	8 Marks

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Collection of data	USN-1	Collect the ride and transaction details (download Uber dataset from Kaggle for our project) and store in MySQL database.	10	High	Sanjana
Sprint-2	Cleaning and preparing data	USN-2	Clean and prepare the data to be further analyzed using MySQL queries	5	High	Greeshma, Srishti
Sprint-2	Examining the data	USN-3	Thoroughly examine and comprehend the data including details within each attribute by connecting with Tableau desktop.	5	High	Sanjana, Ramya
Sprint-3	Analyze the data	USN-4	Make 10 visualizations in Tableau desktop.	3	High	Sanjana, Ramya, Greeshma, Srishti
Sprint-3	Analyze the data	USN-5	Make 2 dashboards in Tableau desktop.	3	High	Ramya, Srishti
Sprint-3	Analyze the data	USN-6	Make a story with 8 scenes in Tableau desktop.	3	High	Sanjana, Ramya, Greeshma, Srishti
Sprint-3	Insights from visualizations	USN-7	Study the visualizations and gain insights from the same.	1	Medium	Srishti
Sprint-4	Incorporate the visualizations into a site	USN-8	Choose template from Bootstrap for site and download it.	2	Medium	Greeshma
Sprint-4	Incorporate the visualizations into a site	USN-9	Make appropriate changes to site template using Visual Studio code.	3	Medium	Srishti
Sprint-4	Incorporate the visualizations into a site	USN-10	Publish dashboard and story to Tableau Public and retrieve the embedded link to use for site.	3	Medium	Sanjana, Greeshma
Sprint-4	Incorporate the visualizations into a site	USN-11	Use Python Flask to finally host the site for public viewing.	2	Medium	Ramya

Sprint-5	Plan appropriate programs and plans	USN-12	Develop strategies and initiatives (based on insights gained from visualizations) to ensure the company users' satisfaction.	10	High	Sanjana, Greeshma
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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	10	1 Day	25 Oct 2023	25 Oct 2023	10	25 Oct 2023
Sprint-2	10	3 Days	25 Oct 2023	28 Oct 2023	10	28 Oct 2023
Sprint-3	10	3 Days	29 Oct 2023	31 Oct 2023	10	31 Oct 2023
Sprint-4	10	3 Days	1 Nov 2023	3 Nov 2023	10	3 Nov 2023
Sprint-5	10	1 Day	3 Nov 2023	3 Nov 2023	10	3 Nov 2023

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 10 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

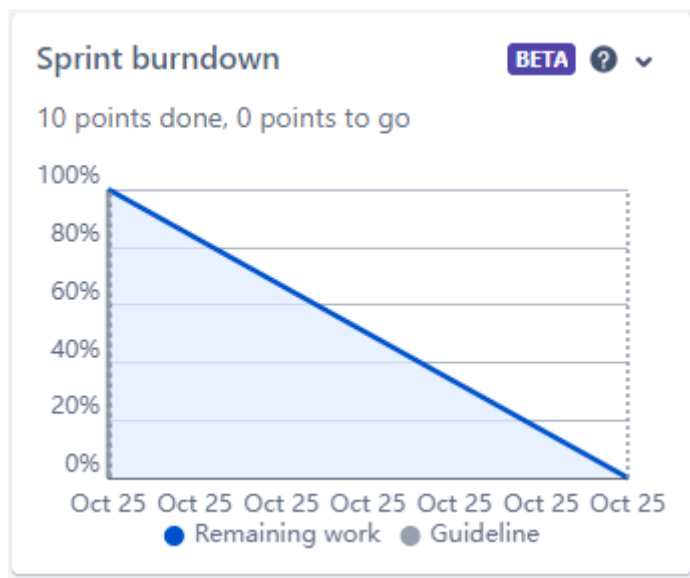
$$\text{Velocity} = \frac{\text{Total story points (for all sprints)}}{\text{Number of sprints}} = 50/5 = 10$$

$$\text{Average velocity} = 10/10 = 1$$

### Burn-down 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.

Sprint-1 burn-down chart:-

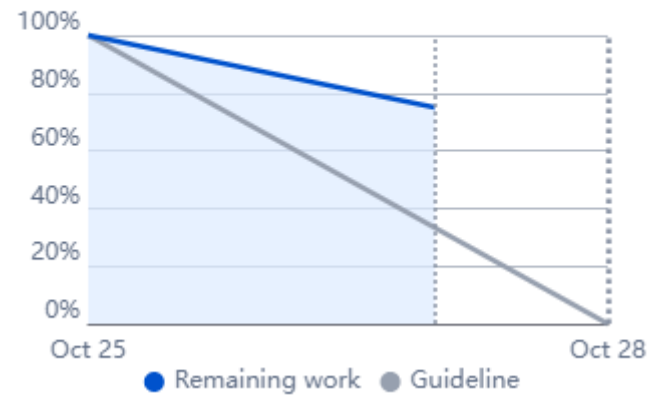


Sprint-2 burn-down chart:-

### Sprint burndown

BETA ? ▾

2.5 points done, 7.5 points to go



Sprint-3 burn-down chart:-

### Sprint burndown

BETA ? ▾

0 points done, 10 points to go



Sprint-4 burn-down chart:-

### Sprint burndown

BETA ? ▾

0 points done, 10 points to go

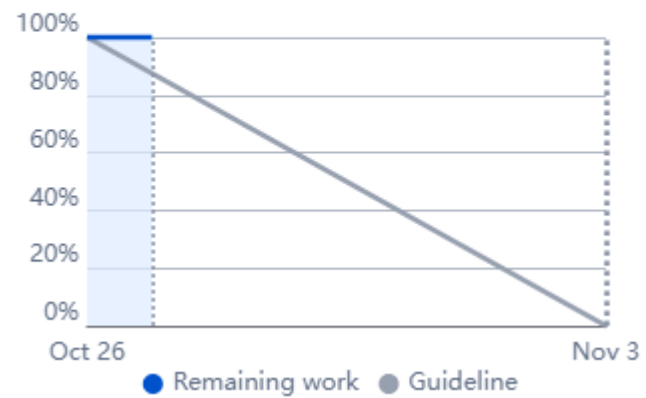


Sprint-5 burn-down chart:-

### Sprint burndown

BETA ? ▾

0 points done, 10 points to go



## Board Section:

We have completed Sprint-1 so far and we can see remaining tasks on board.

The screenshot displays the Jira Board interface for the 'Voyage Vista' software project. The left sidebar shows navigation options: 'Timeline', 'Backlog', 'Board' (selected), 'Code', 'Project pages', and 'Add content'. The main area is titled 'All sprints' and shows a Kanban board with three columns: 'TO DO 20 OF 20', 'IN PROGRESS 1 OF 1', and 'DONE 1 OF 1'. The 'TO DO' column contains two tasks: 'VV-5' (2.5 points, assigned to T) and 'VV-19' (2.5 points, assigned to R). The 'IN PROGRESS' column contains one task: 'VV-18' (2.5 points, assigned to R). The 'DONE' column contains one task: 'VV-4' (2.5 points, assigned to R). The top of the board shows filters for 'Epic' and 'Sprint 4', and a 'Complete sprint' button. The bottom of the board shows a summary for 'VV-6' (11 issues, TO DO).

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### All sprints


⚡ ☆ Complete sprint ⋮

🔍 [Search] 👤 [Filters] Epic Sprint 4 Clear filters GROUP BY Epic Insights

TO DO 20 OF 20	IN PROGRESS 1 OF 1	DONE 1 OF 1 ✓
<p>⚡ VV-3 Cleaning, preparing and examining the data 4 issues TO DO</p> <div><p>Connect the dataset in MySQL to Tableau desktop.</p><p>VV-5 2.5 T</p><p>Thoroughly examine and comprehend the data including details within each attribute.</p><p>VV-19 2.5 R</p></div>	<p>Use MySQL queries to transform the dataset to perform the analysis.</p> <p>VV-18 2.5 R</p>	<p>Use MySQL queries to remove unnecessary columns.</p> <p>VV-4 ✓ 2.5 R</p>

⚡ VV-6 Analyze the dataset and gather insights 11 issues TO DO

## Backlog Section:

 **Voyage Vista**  
Software project

You're on the Free plan

UPGRADE

PLANNING

Timeline

**Backlog**

Board

DEVELOPMENT

Code

Project pages

Add shortcuts

You're in a team-managed project  
[Learn more](#)

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**Backlog**

T

R

Epic

Insights

Epic

Issues without epic

> Collection of data

Cleaning, preparing and examining the data

Analyze the dataset and gather insights

+ Create epic

Voyage Vista Sprint 2

25 Oct – 28 Oct (4 issues)

5 2.5 2.5

Complete sprint

Clean and prepare the data for further analysis and examine the dataset.

VV-4 Use MySQL queries to remove unnecessary columns.

DONE

2.5

VV-18 Use MySQL queries to transform the dataset to perform t...

IN PROGRESS

2.5

VV-5 Connect the dataset in MySQL to Tableau desktop.

TO DO

2.5

T

VV-19 Thoroughly examine and comprehend the data including...

TO DO

2.5

R

+ Create issue

Voyage Vista Sprint 3

26 Oct – 31 Oct (11 issues)

10 0 0

Complete sprint

Voyage Vista Sprint 4 26 Oct – 3 Nov (5 issues) 10 0 0 Complete sprint

Timeline:



