

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID40233
Project Name	Project - Global Sales Data Analytics
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	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Elumalai
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Lokesh
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Elumalai
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Dinesh Kumar
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Dlnesh
	Dashboard		As a user, I will receive confirmation email once I have registered for the application	1	Medium	Rohith

### 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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

### 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)

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

Average Velocity = 80/10

= 8

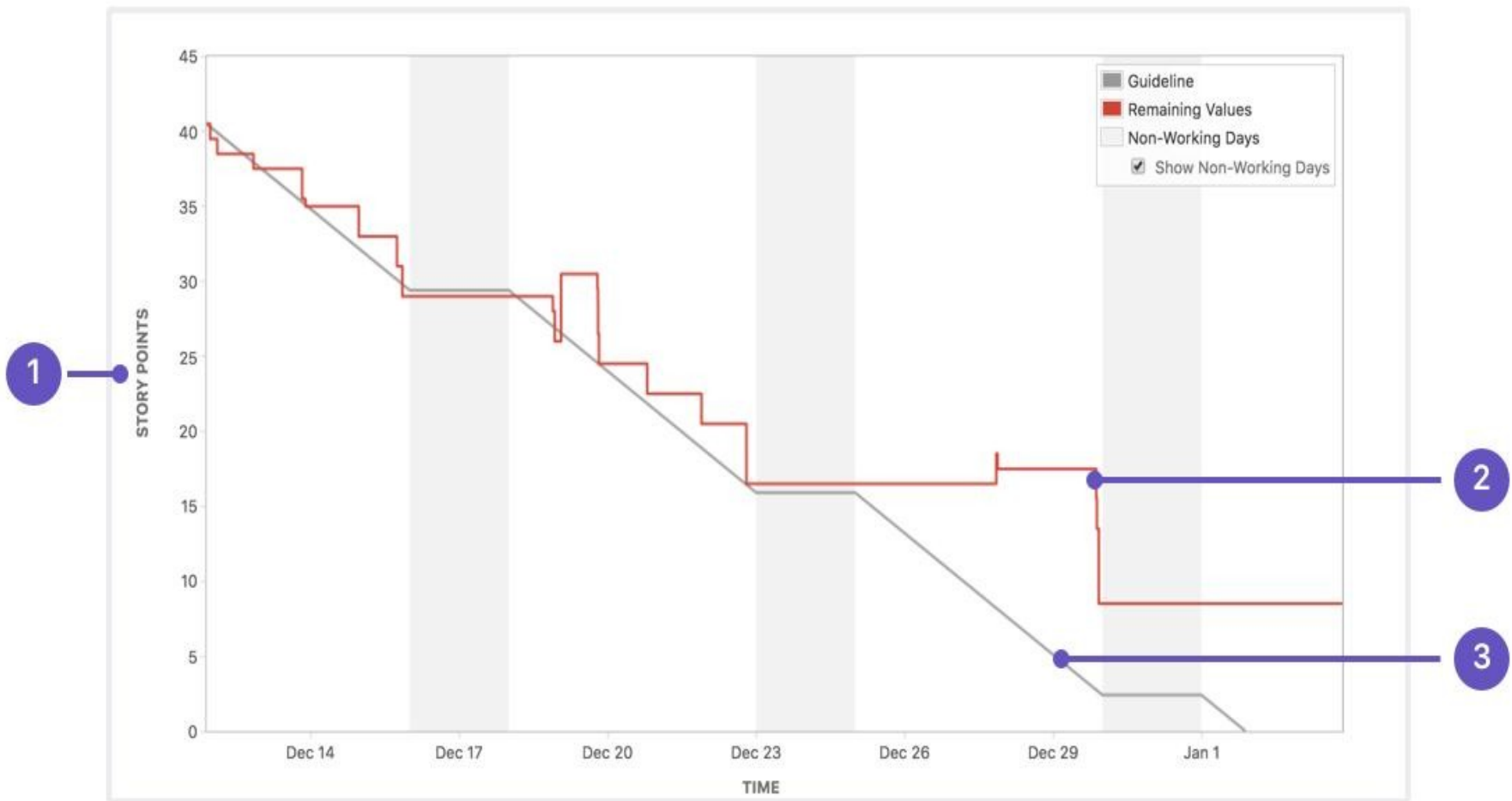
### **Burndown Chart:**

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.

### **To view the sprint burndown chart:**

- 1) Navigate to your scrum project.
- 2) Select the **Backlog** or **Active sprint**.
- 3) Click **Reports**, then select **Burndown Chart**.

### **Understanding the sprint burndown chart**



### To view the epic burndown chart:

- 1.Navigate to your scrum project..
- 2.Select the **Backlog** .
- 3.Click **Reports**, then select **Epic Burndown**..
4. Select an epic from the dropdown next to the **Epic Burndown** header.

You'll be able to choose from epics that are in projects configured for your board, via the board's filter.

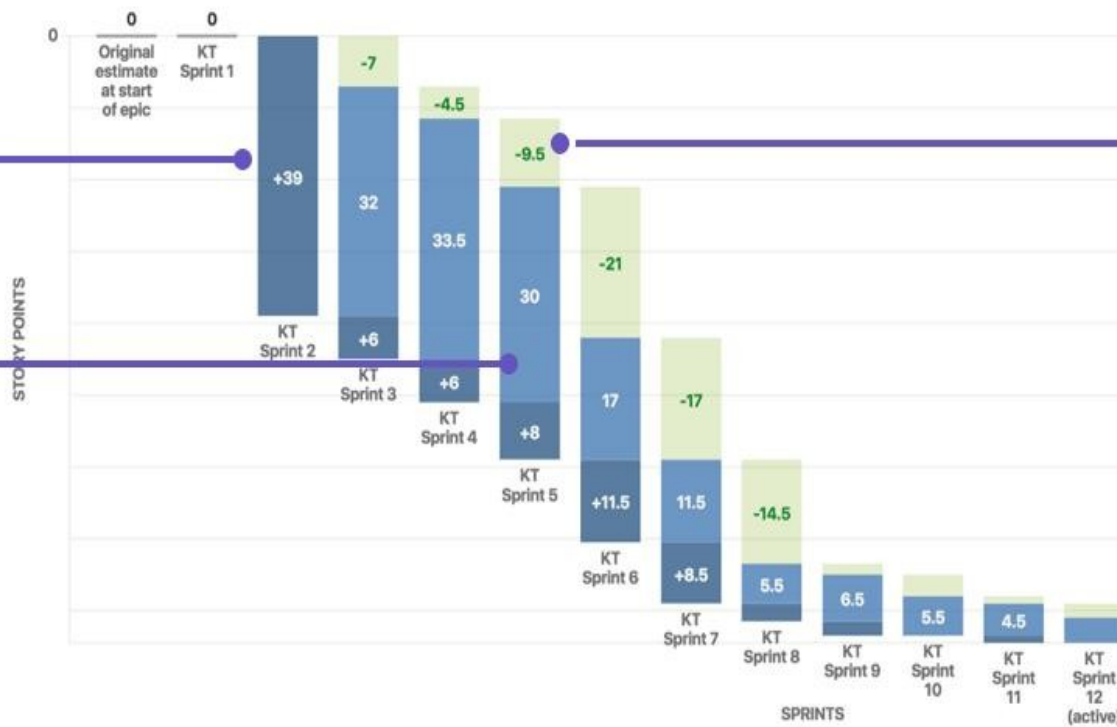
1

KITKAT-68: Components [Linked pages](#) [How to read this chart](#)

36% unestimated issues 81 of 84.5 completed (story points)

Work completed Work remaining  
Work forecast Work added

2



4

✓ 2 sprints remaining

Based on your velocity for the last 3 sprints, it will take 2 more sprints to complete this epic.

2 velocity per sprint

3.5 remaining

[Learn more](#)

3

5

**1. Epic menu:** Select which epic to view data for.

**2. Work added:** The dark blue segment shows the amount of work added to the epic in each sprint. In this example, work is measured in story points.

**3. Work remaining:** The light blue segment shows the amount of work remaining in the epic.

**4. Work completed:** The green segment represents how much work is completed for the epic in each sprint.

**5. Projected completion:** The report projects how many sprints it will take to complete the epic, based on the team's velocity

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