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

Date	22 October 2022
Team ID	PNT2022TMID31896
Project Name	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	user can register for the application by entering my email and password	3	High	VISHNU KURUP
Sprint-1		USN-2	User will receive email if the registration is successful. That the registration has conformed	3	High	VISHNU SURYA P
Sprint-1		USN-3	As a user, I can register by any browser.	5	Low	TAMILSELVAN S
Sprint-1		USN-4	As a user, I can extract data	3	Medium	JAGATHESH S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	6	High	VISHNU S
Sprint-2	Dashboard	USN-6	I can access the dashboard of mine.	3	Medium	JAGATHESH S
Sprint-2		USN-7	I can register for the application through any web browser.	5	Low	VISHNU SURYA P
Sprint-2		USN-8	I can use my credentials. For accessing my resources.	2	High	VISHNU S
Sprint-2		USN-9	As, a user I can schedule events and set events.	7	High	VISHNU KURUP
Sprint-3	Support	USN-10	I can perform analysis by tools (IBM Cognos)	10	Medium	TAMILSELVAN S
Sprint-3		USN-11	Responds to user queries via telephone, email etc.	3	Medium	VISHNU SURYA P

Sprint-3		USN-12	The team must respond immediately to the queries based on the priority	5	High	TAMILSELVAN S

Sprint-4	System Requirements	USN-13	Hardware Requirement
			  1. Laptop or PC
			    • i5 processor system or higher
			    • 4 GB RAM or higher
			    • 128 GB ROM or higher
			  2. Mobile
			(12.0 and above)
				5	Low	VISHNU KURUP

Sprint-4		USN-14	Software Requirement
			  1. Laptop or PC
			    • Windows 10 or higher
			Android Studio
				8	Medium	VISHNU SURYA P

Project Tracker, Velocity & Burndown Chart: (4 Marks)

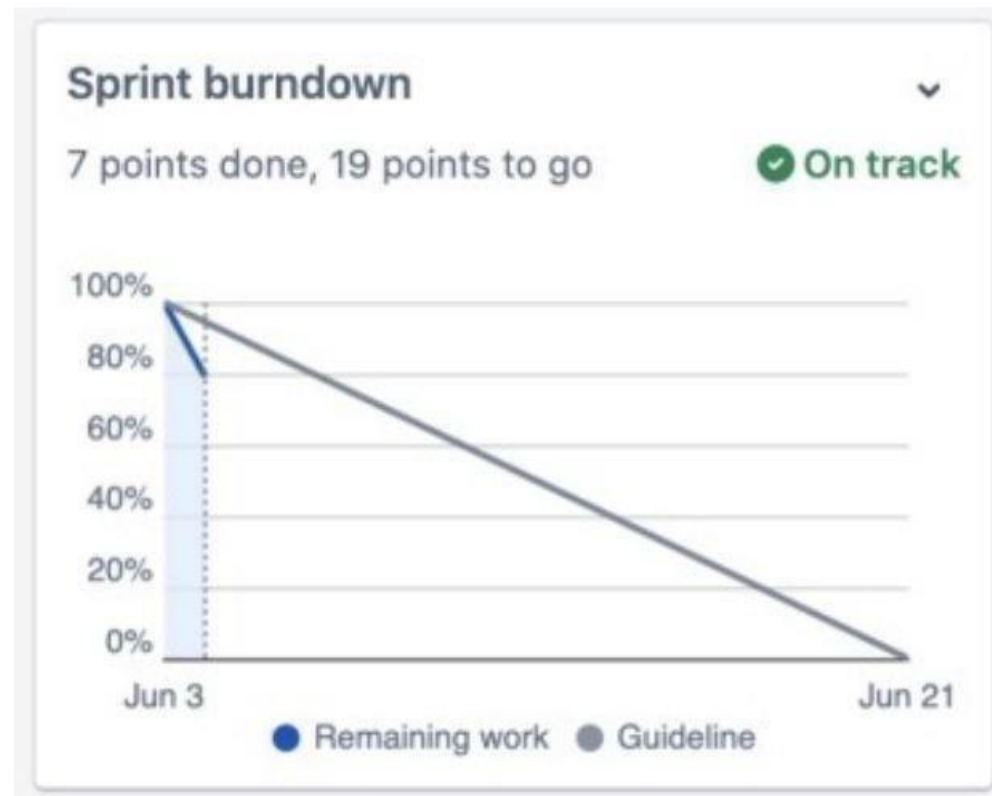| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	17	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	18	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	13	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) periteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$
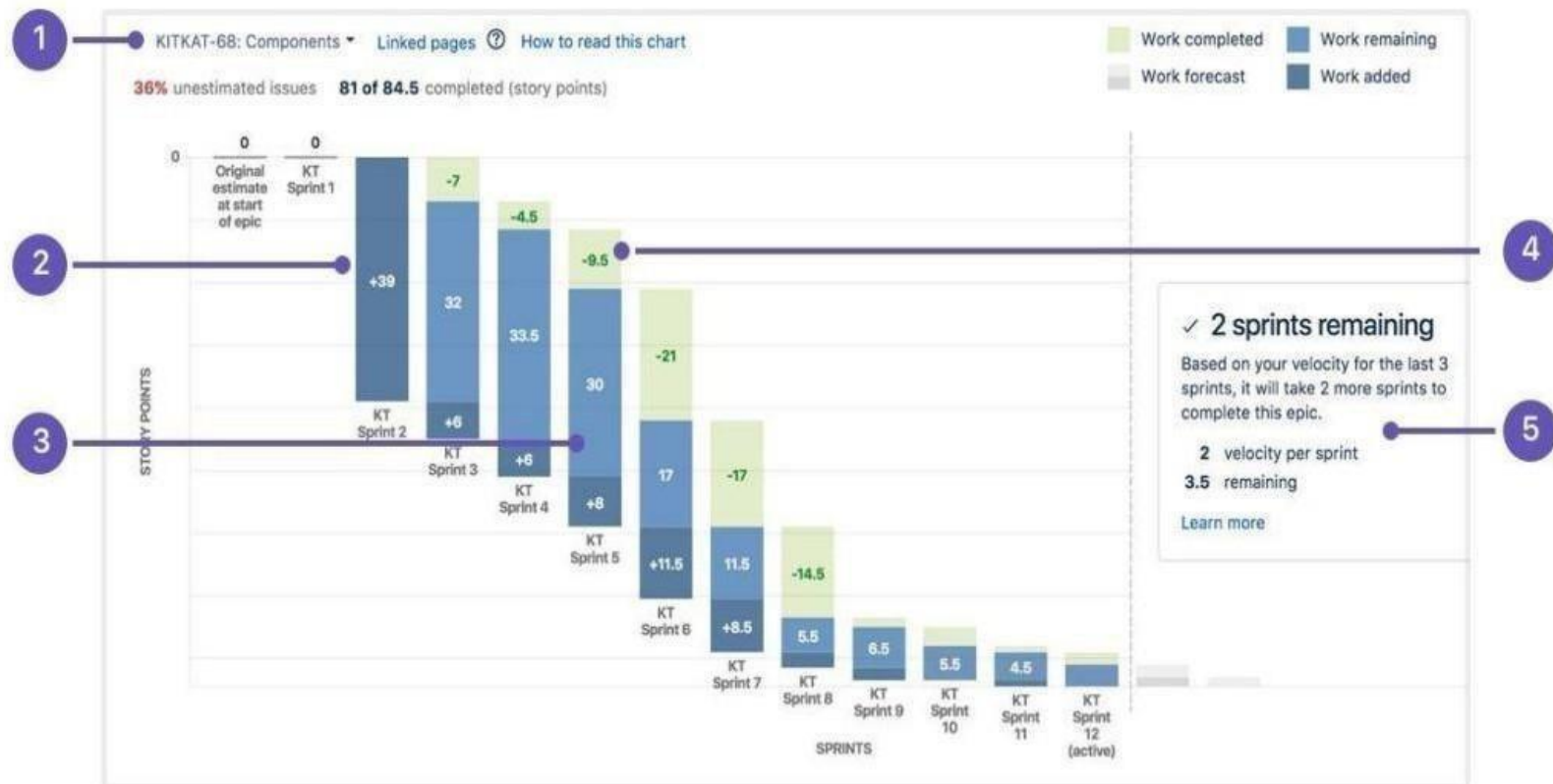
Burndown Chart:

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.

Sprint burndown

7 points done, 19 points to go   ✓ On track

100%
80%
60%
40%
20%
0%
Jun 3   Jun 21

● Remaining work   ● Guideline

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. **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, workis measured 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 velocit