

Project Design Phase-II Technology Stack (Architecture & Stack)

Date	25 October 2023
Team ID	Team-591174
Project Name	Project On Tata Power Stock Analysis
Maximum Marks	4 Marks



Project Planning Phase

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

Date	27 October 2023
Team ID	Team-591174
Project Name	Project On Tata Power Stock Analysis
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.	1	High	1
Sprint-1		USN-2	as a user, I want to be able to login securely using credentials	2	High	1
Sprint-1		USN-3	as a user, I want the option to reset my password if I forget it	3	Low	1
Sprint-1		USN-4	as a user I want to be able to create new account with my email and password	2	Medium	1

Sprint-1	Login	USN-5	I want to see the personalized content after logging in	1	High	1
	Dashboard					
Sprint 2	product listing and search	USN 1	as a user I want to filter products by category and price range	2	high	1
Sprint 2		USN 2	as a user i want to view the a list of products that are available in the store	2	medium	1
Sprint 3	Completions of visualizations	USN 1	As a user I want to know about the visualizations	2	high	1
Sprint 3		USN 2	As a user I want to know about the dashboard	3	high	1
Sprint 3		USN 3	As a user I want a report of story	2	medium	1
Sprint 4	Web integration	USN 1	Tableau public account creation	3	medium	1
Sprint 4		USN 2	As a user I want to know about the tableau files being uploaded in webpage	3	high	1
Sprint 4		USN 3	As a user I want to know about the template and connection	3	high	1

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 Day	22 Oct 2023	23 Oct 2023	9	22 Oct 2023
Sprint-2	20	1 Day	23 Oct 2023	24 oct 2023	4	24 oct 2023
Sprint-3	20	2 Days	24 oct 2023	25 oct 2023	7	25 oct 2023
Sprint-4	20	1 Day	26 oct 2022	27 oct 2023	9	27 oct 2023

Velocity:

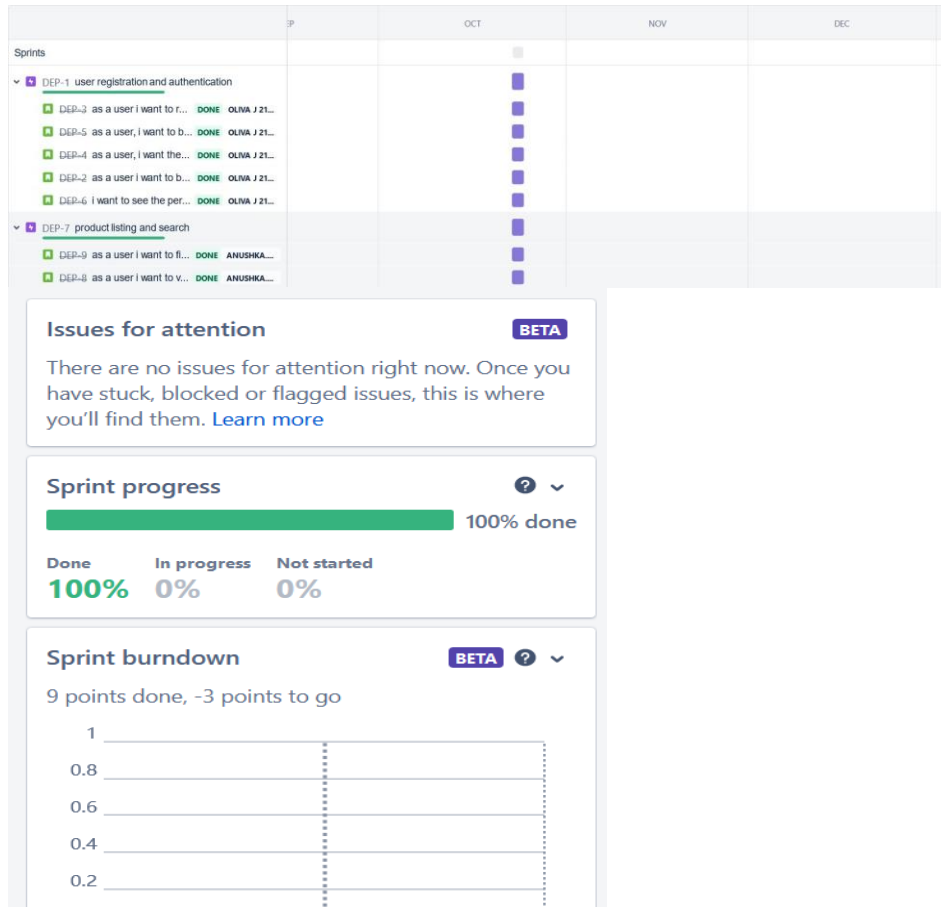
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

In our case average velocity will be $29/4 = 7.25$

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

BETA ? v

9 points done, -3 points to go



Your sprint scope has increased by **6 points**

Added

0 points

↑ 2 issues

Removed

0 points

↓ 0 issues

Modified

+ 6 points

⚠ 2 issues

Epic progress

? v

This sprint is working towards **1 epic**

DEP-14 web integration

100% done



Give feedback

	SEP	OCT	NOV	DEC
Sprints				
▼ DEP-1: user registration and authentication				
DEP-3 as a user I want to r...				
DEP-5 as a user, I want to b...				
DEP-4 as a user, I want the...				
DEP-2 as a user I want to b...				
DEP-6 I want to see the per...				
▼ DEP-7: product listing and search				
DEP-9 as a user I want to fi...				
DEP-8 as a user I want to x...				
▼ DEP-10: completion of Visualisations				
DEP-11 as a user I want to...				
DEP-13 as a user I want a r...				
DEP-12 as a user I want to...				
▼ DEP-14: web integration				
DEP-15: tableau public acc...				
DEP-17 as a user I want to...				
DEP-16 as a user I want to...				