Project Planning Phase

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

Date	26 October 2023
Team ID	Team - 591267
Project Name	Project on Tata Power Stock Analysis

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	Drill down into data	USN-1	As a subscriber, I want to be able to drill down into data so that I can explore the underlying details.	2	Medium	Soumajit
Sprint-1	Export data	USN-2	As a subscriber, I want to be able to export data from dashboards so that I can use it in other applications.	1	Low	Ridhi
Sprint-1	Compare data across time periods	USN-3	As a subscriber, I want to be able to compare data across time periods so that I can see how the stocks are performing over time.	2	Medium	Aryan
Sprint-1	Create impromptu reports	USN-4	As a subscriber, I want to be able to create impromptu reports so that I can quickly answer questions about my data.	2	High	Praveen
Sprint-2	Manage data sources	USN-5	As an administrator, I want to be able to manage data sources so that I can ensure that data is accurate and up-to-date.	2	Medium	Aryan, Ridhi
Sprint-2	Monitor dashboard performance	USN-6	As an administrator, I want to be able to monitor dashboard performance so that I can identify and resolve any issues.	3	High	Soumajit

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	7	13 Days	15 Oct 2023	27 Oct 2023	5	29 Oct 2023
Sprint-2	5	10 Days	24 Oct 2023	3 Nov 2023	5	3 Nov 2023

Velocity:

The team's average velocity (AV) per iteration unit (story points per day)-

AV1=sprint duration/velocity= 7/13=0.538

AV2=sprint duration/velocity=5/10=0.5

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.