

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID38707
Project Name	Crude Oil Price Prediction
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 Direct Open With Google Play Store App User Can Download The Crude Oil Price	2	High	Team leader, Team member 1
Sprint-1		USN-2	As a User Using The Application There Are So Many Products In Crude Oil Price App User Update The Energy And Oil Price Instant The application	1	High	Team leader, Team member1, Member2, member 3
Sprint-2		USN-3	As a User Can Read Latest News And View Oil Price Charts User View Major Energy Quotes User Can Using A Multiple Color Themes	2	Low	Team leader, Team member2, member 3
Sprint-1		USN-4	User Can Exchange Rates And Currency Converter	2	Medium	Team leader, Team member 1, member 3
Sprint-1	Login	USN-5	As a user, login directly then no email, username , password.	1	High	Team leader, Team member1, member 2

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)

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

BRUNDOWN CHART

WTI AND BRENT CRUDE OIL PRICES

