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

Date	18 October 2022
Team ID	PNT2022TMID32702
Project Name	Project – 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	13	High	Ramabathren L
Sprint-1	Login	USN-2	As a User I can log into the application by entering email & password	5	High	Ragul K
Sprint-2	Charts	USN-3	As a User access the additional features like viewing the charts, news, update the multiple colour themes	5	Low	Henry Jones P
Sprint-2	Prediction	USN-4	As a User I needs the perfect prediction of the crude oil price	13	Medium	Vijay Paul Raj S
Sprint-3	User Manual	USN-5	As a User I can see the way to predict the crude oil price	13	High	Ragul K
Sprint-3	Dashboard	USN-6	As a User I can view the crude oil price	5	High	Ramabathren L
Sprint-4	History	USN-7	As a User I can view the history of price prediction of the crude oil	5	Medium	Vijay Paul Raj S
Sprint-4	Admin Access	USN-8	As a Administrator I can predict the entire price of crude oil and add some extra features in the app	13	High	Henry Jones 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	18	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	18	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	18	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)

$$AV = 18/6 = 3$$

Burndown Chart: