Project Planning Phase

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

Date	NOVEMBER 2022
Team ID	PNT2022TMID13149
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 Requirements	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	2	High	Poojashree K E
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Surendheran M
Sprint-1		USN-3	As a user, I can register for the application through Gmail	3	High	Jeevan M
Sprint-1		USN-4	As a user, I can register application through Gmail	2	High	Poojashree K E

Sprint		USN				
Sprint-1	Login	USN-1	As a user, I can log into the application by entering email & password	3	High	Rohit M
Sprint-1		USN-2	As a user, log into the application name & email	3	High	Jeevan M
Sprint-1	Dashboard	USN-1	The nature of crude oil , its price prediction becomes extremely difficult in crude oil price prediction	5	High	Poojashree K E
Sprint-2	Input Necessary Details	USN-1	As a user , I can give input details to predict likeliness of crude oil price prediction	15	High	Surendheran M
Sprint-2	Data Pre-processing	USN-1	Transform raw data into suitable format for prediction	5	High	Rohit M
Sprint-3	Prediction of crude oil price	USN-1	As a user, I can predict crude oil using machine learning model	15	High	Jeevan M
Sprint-3		USN-2	As a user, I can get accurate prediction of crude oil	5	High	Rohit M

Sprint-4	Review	USN-1	As a user, I can give feedback of the application	20	High	Surendheran M

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Data (planned)	Story Points Completed	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 Oct 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Oct 2022	19 Nov 2022	20	14 Nov 2022

Velocity:

Imagine we have 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)

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

Burndown Chart :

	T	NOV	DEC	JAN '23
Sprints		COPP Sprint 1, C...		
Releases				
› ⚡ COPP-33 Register	▰▰▰ ⚠			
› ⚡ COPP-38 Login	▰▰▰ ⚠			
› ⚡ COPP-41 Dashboard	▰▰▰ ⚠			
› ⚡ COPP-43 Input Necessary Details		▰▰▰		
› ⚡ COPP-47 Data Pre-processing		▰▰▰		
› ⚡ COPP-48 Prediction of Crude oil price		▰▰		
› ⚡ COPP-52 Review		▰▰		