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

Date	18 October 2022
Team ID	PNT2022TMID39305
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, I can register for the application by entering my email, password, and confirming my password.	5	High	SHERINVINCY.C BHAVESHRAJ.A
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	MANISHA.R PRAVEEN.D
Sprint-2		USN-3	As a user, I can register for the application through Facebook	10	Low	SHERINVINCY.C PRAVEEN.D
Sprint-1		USN-4	As a user, I can register for the application through Gmail	5	Medium	MANISHA.R BHAVESHRAJ.A
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	5	High	MANISHA.R BHAVESHRAJ.A
Sprint-3	Line/Bar Graph	USN-6	After entering the inputs, the model will display predictions in Line or Bar Graph Format.	10	High	SHERINVINCY.C PRAVEEN.D
Sprint-2	Login	USN-7	As the web user, I can login simply by using Gmail.	10	Medium	MANISHA.R BHAVESHRAJ.A
Sprint-3	Support		The Customer care service will provide solutions for any FAQ and also provide Chabot.	10	Low	PRAVEEN.D SHERINVINCY.C
Sprint-4	News		Admin will Provide the recent news of Oil Prices.	5	High	MANISHA.R SHERINVINCY.C
Sprint-4	Notification		Admin will notify when the oil prices changes.	5	High	MANISHA.R BHAVESHRAJ.C
Sprint-4	Access control		Admin can control the access of users.	5	High	MANISHA.R PRAVEEN.D
Sprint-4	Database		Admin can store the details of users in database.	5	High	MANISHA.R SHERINVINCY.C

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

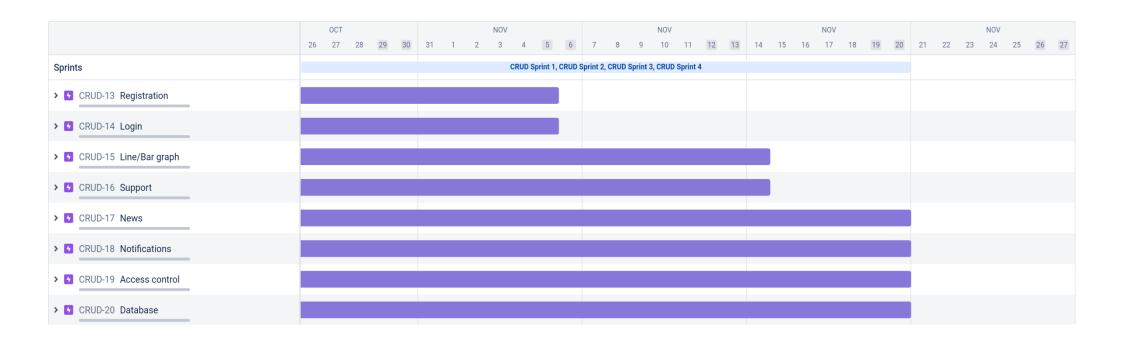| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	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)

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

AV = 20/4 = 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.

	OCT					NOV							NOV							NOV							NOV							
	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Sprints										CRUD Sprint 1, CRUD Sprint 2, CRUD Sprint 3, CRUD Sprint 4																						
⟩ ⚡ CRUD-13 Registration																																
⟩ ⚡ CRUD-14 Login																																
⟩ ⚡ CRUD-15 Line/Bar graph																																
⟩ ⚡ CRUD-16 Support																																
⟩ ⚡ CRUD-17 News																																
⟩ ⚡ CRUD-18 Notifications																																
⟩ ⚡ CRUD-19 Access control																																
⟩ ⚡ CRUD-20 Database																																

SPRINT BURNOUT CHART:

Remaining work ● Guideline