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

Date	03 November 2022
Team ID	PNT2022TMID33226
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.	10	High	Muthu kumaran S U
Sprint-1	Application	USN-2	As a user, I could install the application and use it for predicting the price of the oil.	10	High	Muthuku mar S
Sprint-2	Dataset	USN-3	As a user, it is very much help for me to understand about the data that occurs previously.	20	Medium	Muthusurya R
Sprint-3	Initialisation	USN-4	As a user, the government has to implement the low fare transportation so that the people could use it instead of their individual transports.	20	Low	Muniyappan P
Sprint-4	Usages	USN-5	As a user, we could use the application to predict the price of the crude oil in advance.	20	High	Nizamdeen A

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	4 Days	4 Nov 2022	7 Nov 2022		
Sprint-2	20	4 Days	8 Nov 2022	11 Nov 2022		
Sprint-3	20	4 Days	12 Nov 2022	15 Nov 2022		
Sprint-4	20	4 Days	16 Nov 2022	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)
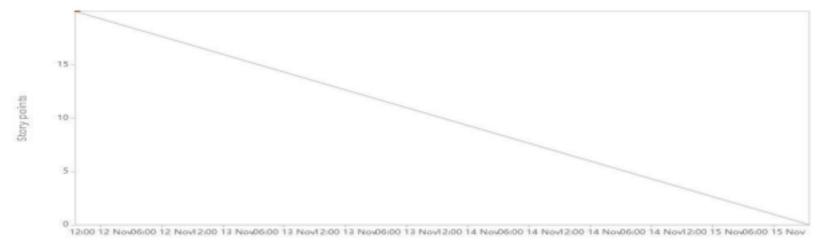
$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Today

Story points

15

10

5

0

12:00 04 Nov 06:00 04 Nov 12:00 05 Nov 06:00 05 Nov 12:00 05 Nov 06:00 05 Nov 12:00 06 Nov 06:00 06 Nov 12:00 06 Nov 06:00 06 Nov 12:00 07 Nov 06:00 07 Nov

Date

Story points

15

10

5

0

12:00 08 Nov   12:00 09 Nov   12:00 09 Nov   12:00 10 Nov   12:00 10 Nov   12:00 11 Nov

Story points vs Date