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

Date	22 October 2022
Team ID	PNT2022TMID08579
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	Data Collection	USN-1	Download Crude Oil Price Dataset	2	Medium	Rojer
Sprint-1	Data Preprocessing	USN-2	Importing The Dataset into Workspace	1	Low	Guru Prasath
Sprint-1		USN-3	Handling Missing Data	3	Medium	Jerome Johnis
Sprint-1		USN-4	Feature Scaling	3	Low	Manoj
Sprint-1		USN-5	Data Visualization	3	Medium	Harish
Sprint-1		USN-6	Splitting Data into Train and Test	4	High	Rojer
Sprint-1		USN-7	Creating A Dataset with Sliding Windows	4	High	Guru Prasath
Sprint-2	Model Building	USN-8	Importing The Model Building Libraries	1	Medium	Jerome Johnis
Sprint-2		USN-9	Initializing The Model	1	Medium	Manoj
Sprint-2		USN-10	Adding LSTM Layers	2	High	Harish
Sprint-2		USN-11	Adding Output Layers	3	Medium	Rojer
Sprint-2		USN-12	Configure The Learning Process	4	High	Guru Prasath

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2		USN-13	Train The Model	2	Medium	Jerome Johnis
Sprint-2		USN-14	Model Evaluation	1	Medium	Manoj
Sprint-2		USN-15	Save The Model	2	Medium	Harish
Sprint-2		USN-16	Test The Model	3	High	Rojer
Sprint-3	Application Building	USN-17	Create An HTML File	4	Medium	Guru Prasath
Sprint-3		USN-18	Build Python Code	4	High	Jerome Johnis
Sprint-3		USN-19	Run The App in Local Browser	4	Medium	Manoj
Sprint-3		USN-20	Showcasing Prediction On UI	4	High	Harish
Sprint-4	Train The Model On IBM	USN-21	Register For IBM Cloud	4	Medium	Rojer
Sprint-4		USN-22	Train The ML Model On IBM	8	High	Guru Prasath
Sprint-4		USN-23	Integrate Flask with Scoring End Point	8	High	Jerome Johnis

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	19	6 Days	31 Oct 2022	05 Nov 2022	19	05 Nov 2022
Sprint-3	16	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Burndown Chart:

Velocity Chart:

Projects / Crude Oil Price Prediction / Reports

Velocity report

How to read this report

Commitment
The amount of work in the sprint when it began.

Completed
The amount of work done during the sprint.

Sprint	Commitment	Completed
COPP Sprint 1	0	20
COPP Sprint 2	0	0
COPP Sprint 2	19	19