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	16	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

Burndown Chart:

Sprint burndown chart

> How to read this report

Sprint

COPP Sprint 3 ⌄

Estimation field

Story points ⌄

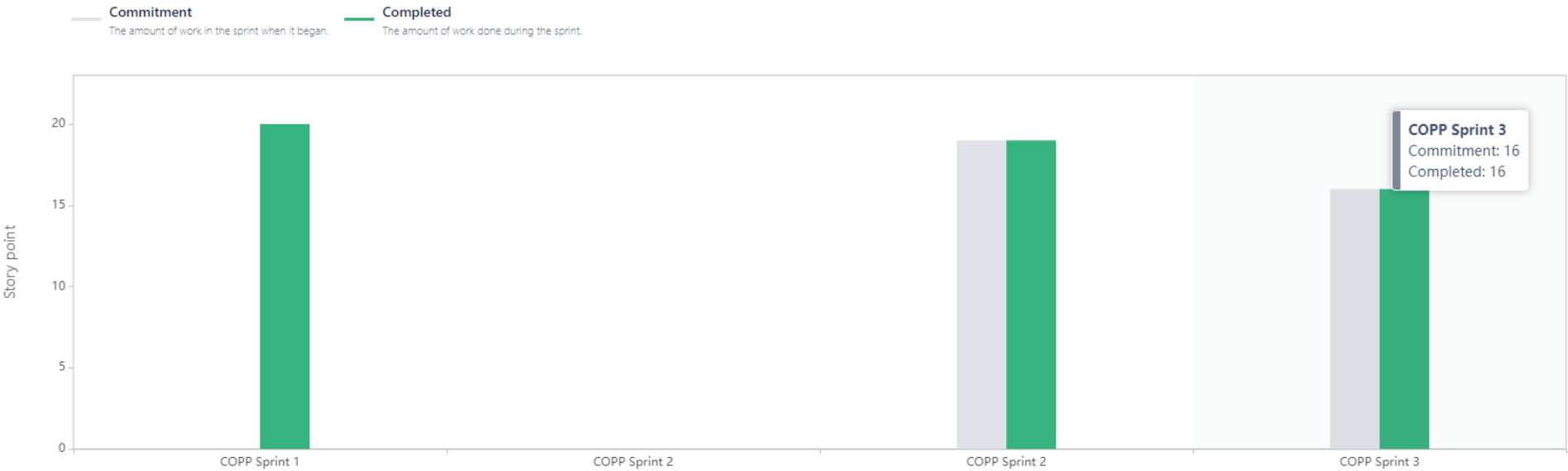···

Date - November 7th, 2022 - November 12th, 2022
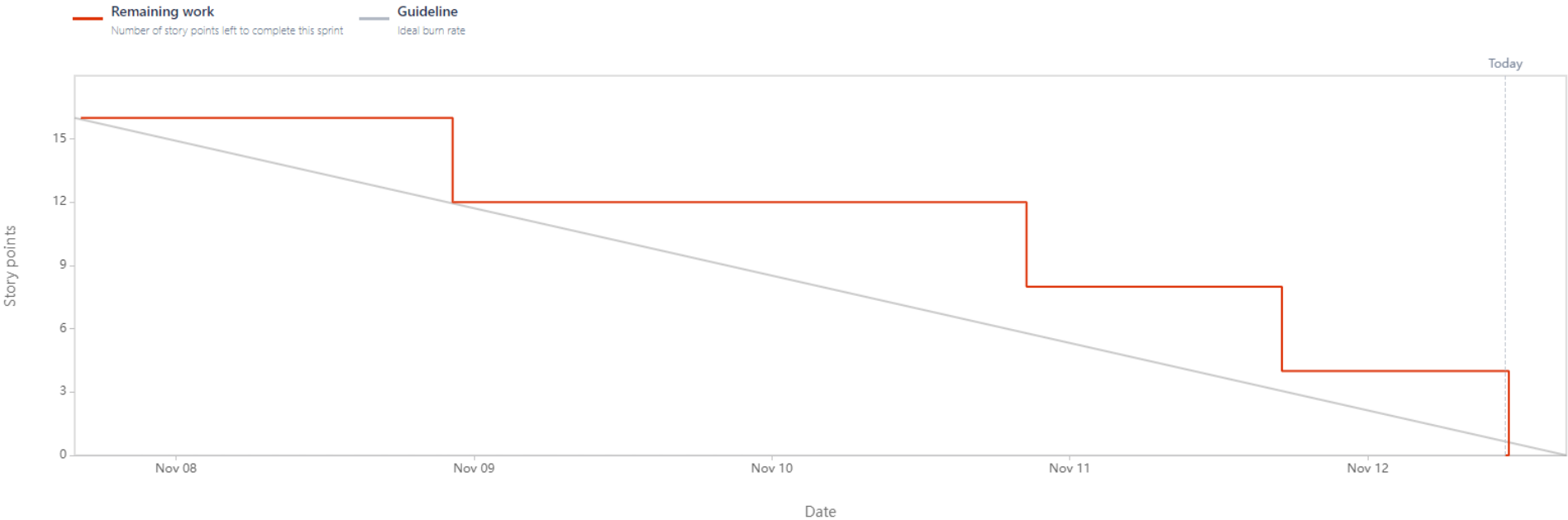
Velocity Chart:

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.

COPP Sprint 3
Commitment: 16
Completed: 16

Sprint	Commitment	Completed
COPP Sprint 1	0	20
COPP Sprint 2	0	0
COPP Sprint 2	19	19
COPP Sprint 3	16	16