Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID08579
Project Name	Project – Crude Oil Price Prediction
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Application	Users can download this application in play store or he can view in the browser itself.
FR-2	User Products available	The prices of the products that are available in crude oil is constantly updated.
FR-3	User Additional Features	The user can invest on the product based on the oil price charts
FR-4	User Exceptions	The user can exchange rates and currency converter

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Based on the predicted data we can decide whether we need to invest in it or to buy the product.
NFR-2	**Security**	Communication will be secure even if rising oil prices cause economic and political power to shift from oil importers to oil exporters.
NFR-3	**Reliability**	We can trust this product and its predicted value because we performed many analysis to improve the accuracy
NFR-4	**Performance**	Performance of this product is way better than the other product because we performed many test cases
NFR-5	**Availability**	Availability solution is more benefit for the importers and exporters around the world
NFR-6	**Scalability**	Scalability is much higher (90% - 95%)