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

Date	03October 2022
Team ID	PNT2022TMID43580
Project Name	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	The price of crude oil can be downloaded directly from the Google Play Store application by users.
FR-2	User Products Available	The Application's User There are numerous products in the Crude Oil Price App, and users can instantly update the energy and oil prices.
FR-3	User Additional Features	The user can view oil price charts and the most recent news. Major Energy Quotes User View The user may use various colour schemes.
FR-4	User Exceptions	The User Can Exchange Rates And Currancy Converter

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	used to increase crude oil price prediction accuracy
NFR-2	**Security**	Communications will be secure even if rising oil prices cause economic and political power to shift from oil importers to oil exporters.
NFR-3	**Reliability**	The dependability of the components pointing to high-risk components
NFR-4	**Performance**	Performance of the this project is to improve to the accuracy of crude oil price prediction
NFR-5	**Availability**	The Availability Solution is More Benefit for and the Importers and exporters in the crude oil price prediction.
NFR-6	**Scalability**	The scalability are 90%-95%