

**Project Design Phase-I
Solution Architecture**

Date	19 September 2022
Team ID	PNT2022TMID40987
Project Name	Project- Crude Oil Price Prediction
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solutions.

FR No.	Functional Requirements (Epic)	Sub Requirement (Story/Sub-Task)
FR-1	User Application	User Direct Open with Google Play Store App User Can Download the Crude Oil Price
FR-2	User Products Available	User Using the Application There Are So Many Products in Crude Oil Price App User Update the Energy and Oil Price Instant the Application
FR-3	User Additional Features	User Can Read Latest News and View Oil Price Charts User View Major Energy Quotes User Can Using a Multiple Color Theme
FR-4	User Exception	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
FR-1	Usability	Used to improve to the Accuracy of crude oil price prediction
FR-2	Security	In the rising oil price can even shift economically/political power from oil importers to oil exporters communications will be secured
FR-3	Reliability	Reliability of the pointing towards high-risk components
FR-4	Performance	Performance of the this project is to improve to the accuracy of crude oil price prediction
FR-5	Availability	The Availability Solution is More Benefit for and the exporters in the crude oil price prediction
FR-6	Scalability	The scalability are 90%-95%