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

Date	03 October 2022
Team ID	PNT2022TMID41179
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 Registration	Registration through Form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Graph	Obtaining the data from the dataset to show the graph
FR-4	Customer Support	Providing answers for the queries asked by users.
FR-5	Database	User's information will be stored
FR-6	Price information	Information of the oil prices will be updated by admin
FR-7	Notification	Price alert are sends to user by notification

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It can use by wide variety of user, it is very simple to learn and not complex to proceed.
NFR-2	**Security**	In this model we are using login for the user and the information will be secured, so that it will be very secure to use
NFR-3	**Reliability**	This model will be reliable, that it can update with very time period, so that the accuracy will be good.
NFR-4	**Performance**	This model will be performed fast and secure even at the lower bandwidth.
NFR-5	**Availability**	Prediction will be available for every user not only for premium user. News, database and price alert will be alert to ever user.
NFR-6	**Scalability**	It is scalable, that we are going to use data in kb, so that it's quite amount of storage is satisfied to user.