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

Date	_	08 Novemberr 2022
Team ID	_	PNT2022TMID49979
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 Showing graph by obtaining the data from the dataset
FR-4	Support Providing answers for the queries asked by users.
FR-5	News Information of the oil prices will be updated by admin
FR-6	Notification Notification will be sent for the users price alert
Fr-7	Database Information of the User will be stored

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 client as it is very simple to learn and not complex to proceed.
NFR-2	**Security** We are using login for the user and the information will be hashed so that it will be very secure to use.
NFR-3	**Reliability** It will be reliable that it can update with very time period so that the accuracy will be good.

NFR-4	**Performance** It will be perform fast and secure even at the lower bandwidth.
NFR-5	**Availability** Prediction will be available for every user but only for premium user news,database and price alert will be alert.
NFR-6	**Scalability** It is scalable that we are going to use data in kb so that the quite amount of storage is satisfied.