

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

Date	08-10-2022
Team ID	PNT2022TMID54315
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 Registration	Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	graph	Showing graph by gaining data from the dataset
FR-4	support	Queries from the users that will be solved by support section
FR-5	News	Oil prices of the information will be updated by the admin
FR-6	Notification	Price message will be send to client
FR-7	Database	All information will be stored by the client

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	It can use by vast verity of client has it is very easy to learn and not difficult to proceed.
NFR-2	<b>Security</b>	We are using login for the user and the information will be confused so that it will be very secure to use.
NFR-3	<b>Reliability</b>	It will be reliable that can update with long time period ,so that the accuracy will be fine.
NFR-4	<b>Performance</b>	It will be perform fast and secure even at the lower bandwidth.
NFR-5	<b>Availability</b>	Prediction will be available for all client but only for additional user news, database and price will be alert by message.
NFR-6	<b>Scalability</b>	It is scalable that we are moving to use data in kb. So that the total amount of storage is requested.