

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

Date	03 October 2022
Team ID	PNT2022TMID13212
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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	login	User can login through registered email ID or Mobile number.
FR-4	Price Charts	The price of oil is displayed using a line graph.
FR-5	Buying	The user can buy the oil at the particular time point.
FR-6	Logout	The user can logout of their login .

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The user interface is simple. We display the data in charts to provide a clear comprehension of price activity.
NFR-2	Security	We adhere to specific security procedures, such as the usage of user credentials and OTP verification.
NFR-3	Reliability	The data shown in the web app is extremely accurate and predicts the correct facts.
NFR-4	Performance	The performance of the app is determined by the precise price points.
NFR-5	Availability	It can be accessed using all types of devices include pcs, and smart phones with different types of OS.
NFR-6	Scalability	The app is easily scalable with the help of cloud