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

Date	03 October 2022
Team ID	PNT2022TMID32702
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	Graphs are shown from obtaining the data from the datasets
FR-4	Notification	Notifications will be sent to the users about the crude oil prices
FR-5	Database	Storing the information of the users
FR-6	Support	Answers for the questions of the users will be shown through the live chats

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It can be used by many clients and it had a feature to change the theme of the dashboard
NFR-2	**Security**	As we are using user credentials for login and register which is stored in hash function gives the maximum security to the users
NFR-3	**Reliability**	It is reliable and gives the prefect prediction for the crude oil price
NFR-4	**Performance**	The performance of the application is fast and works in both mobile and web
NFR-5	**Availability**	The prediction will be available for every users and alert messages will be shown
NFR-6	**Scalability**	It is Scalable, Because we identified that the maximum load at which the system operates well