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

Date	12 October 2022
Team ID	PNT2022TMID46996
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 Number Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Solution	Model creation using python with necessary libraries needed
FR-4	User Acknowledgement	Sending and receiving data will be made using flask library
FR-5	User Understanding	For better UI experience Angular, HTML and CSS
FR-6	User Storage	Cloud data will be needed
FR-7	User access	To access information a server needed

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Available in all Phone and laptop/computer systems.
NFR-2	**Security**	High Level Technology supporting for Two level authentication and Cryptography used for any message transactions.
NFR-3	**Reliability**	Stable Internet connection
NFR-4	**Performance**	High resolution screen for pictorial representation available without lagging in view.

NFR-5	**Availability**	Power needed for 24x7
NFR-6	**Scalability**	Online data will be feed into model for effective prediction