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

Date	15 October 2022
Team ID	PNT2022TMID52593
Project Name	Project – Crude Oil 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	User Login	Login through username and password Login through Gmail
FR-4	Primary specifics	Sync oil price every second Show up and down graph in real time in accordance with the oil price
FR-5	Additional Requirement	Read latest news View price chart Analyze historical price trends
FR-6	System Responsibility	Allowing the user to select a date The pricing news should be updated.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	User interfaces are easy to use.
NFR-2	**Security**	Sensitive data is protected.
NFR-3	**Reliability**	At the time of entry, all user variable data will be committed to the database.
NFR-4	**Performance**	The accuracy of the price should be at the maximum.
NFR-5	**Availability**	Accessible at any time.
NFR-6	**Scalability**	It will perform well for many number of users with the same speed.