

# PROJECT DESIGN PHASE – II

## SOLUTION REQUIREMENTS

<b>DATE</b>	15 October 2022
<b>TEAM ID</b>	PNT2022TMID12210
<b>PROJECT NAME</b>	Project – Crude Oil Price Prediction
<b>MAXMIMUM MARKS</b>	4 MARKS

### FUNCTIONAL REQUIREMENTS:

The following are the functional requirements of the proposed solution:

FRNO.	FUNCTIONAL REQUIREMENT	SUB REQUIREMENT
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	User Enquiry	Enter the date or range of dates
FR-4	User Visualization	Visualize the trend Enquire the prices Analyze the results
FR-5	User Endowment	See the results Gain Knowledge
FR-6	User Utilization	Use it in your idea Close the portal

## NON-FUNCTIONAL REQUIREMENTS:

The following are the non-functional requirements of the proposed solution:

FRNO.	NON-FUNCTIONAL REQUIREMENT	DESCRIPTION
FR-1	<b>Usability</b>	The application interface is easy to use and implement.
FR-2	<b>Security</b>	The credentials are secured and the result is encrypted.
FR-3	<b>Reliability</b>	The accuracy and reliability quotient is quoted to be high.
FR-4	<b>Performance</b>	The performance is uninterrupted and undeterred
FR-5	<b>Availability</b>	The data is freely available and the trend can be manually analyzed
FR-6	<b>Scalability</b>	The predictions are scalable and reliable.