SOLUTION REQUIREMENTS

DATE	15 October 2022
TEAM ID	PNT2022TMID36733
PROJECT NAME	Project – Crude Oil Price Prediction
MAXMIMUM MARKS	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.
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP.
FR-3	User Login	Login using user name and password Login using gmail.
FR-4	Primary Specification	Sync oil price every second. Show up and down graph in real-time in accordance with the oil price.
FR-5	Feedback Evaluation	The user provided feedbacks are used for evaluation of app performance and updation.
FR-6	System Responsibility	Allowing the user to select the date. The pricing news should be updated.

NON-FUNCTIONAL REQUIREMENTS:

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

FRNO.	NON-FUNCTIONAL REQUIREMENT	DESCRIPTION
NFR-1	**Usability**	The application interface is easy to use and not complex to process.
NFR-2	**Security**	The credentials of the user are secured to use.
NFR-3	**Reliability**	The model will be reliable that it can be updated in very time period so the accuracy will be good.
NFR-4	**Performance**	The performance will be in faster and secure.
NFR-5	**Availability**	The data is freely available for every user.
NFR-6	**Scalability**	The predictions are scalable because of we are going to use data in kb.