

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

Date	19 September 2022
Team ID	PNT2022TMID51321
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 Mobile number Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	login	User can login through registered email ID/Mobile number

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	UI is user-friendly .we represent the data in charts which uses clear understanding of price activity
NFR-2	Security	We follow certain security protocols like using user credentials , OTP verification
NFR-3	Reliability	The Data which represented in web app is so accurate and predicting the right data
NFR-4	Performance	The performance in this project is determined through “how accurately you can predict the price of the crude oil “
NFR-5	Availability	The web app is available to all devices(Android , Mac , windows etc.,)
NFR-6	Scalability	According to user base the project scalability is done