

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

Date	03 October 2022
Team ID	PNT2022TMID31650
Project Name	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 Form
FR-2	Graph	Showing graph by obtaining the data from the dataset
FR-3	Fetching input data	Give the model the input data.
FR-4	News	Information of the oil prices will be updated by admin
Fr-5	Database	Information of the User will be stored

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It can be used by a wide range of clients because it is simple to learn and use.
NFR-2	Security	We will use login for the user, and the information will be hashed, making it very secure to use.
NFR-3	Reliability	It will be reliable in that it can update in a short period of time, resulting in good accuracy.
NFR-4	Performance	Even at low bandwidth, it will perform quickly and securely.
NFR-5	Availability	Prediction will be available to all users, but only premium users will receive news, database, and price alerts.
NFR-6	Scalability	It is scalable that we will use data in kb so that a sufficient amount of storage is provided.