

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

Date	03 October 2022
Team ID	PNT2022TMID52700
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 Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Additional Features	User Can Read Latest information And View Oil Price User friendly records and history of prices are visible
FR-4	User Exceptions	User Can Exchange Rates And convert currencies
FR-5	User Support	FAQ's and any other queries raised will be answered
FR-6	Database	The Information given by the user is stored
FR-7	Notifications	Daily updates and notifications are sent to the user
FR-8	Generating Results	Oil Price Prediction

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	It is easy to use for a client and the portal will be user friendly. It can be used by clients of any age group
NFR-2	Security	Sensitive data is being protected and the login information is hashed. Some data require authentication in order to view
NFR-3	Reliability	The data will be reliable since it is updated on the day to day basis with accurate information from multiple resources.
NFR-4	Performance	The portal can be used at a low bandwidth network connection in a hassle free manner. Fast and smooth working of the portal is ensured.

NFR-5	Availability	The history of the previous predictions will be available, updates are also sent regularly.
NFR-6	Scalability	The storage space can be expanded and the required data can be given on demand