# Project Design Phase-II
## Functional Requirements (Functional & Nonfunctional)

| Date | 04 October 2022 |
|---|---|
| Team ID | PNT2022TMID48733 |
| 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 Application | User Direct Open With Google Play Store App User Can Download The Crude Oil Price |
| FR-2 | User Products Available | User Using The Application There Are So Many Products In Crude Oil Price App User Update The Energy And Oil Price Instant The Application |
| FR-3 | User Additional Features | User Can Read Latest News And View Oil Price Charts User View Major Energy Quotes User Can Using A Multiple Color Themes |
| FR-4 | User Exceptions | User Can Exchange Rates And Currancy Converter |
| | | |
| | | |

**Non-functional Requirements:**

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

| FR No. | Non-Functional Requirement | Description |
|---|---|---|
| NFR-1 | **Usability** | Used to improve to the Accuracy of crude oil price prediction |
| NFR-2 | **Security** | In the rising oil price can even shift economical/political power from oil importers to oil exporters communications will be secured |
| NFR-3 | **Reliability** | Reliability of the pointing towards high –risk components |
| NFR-4 | **Performance** | Performance of the this project is to improve to the accuracy of crude oil price prediction |
| NFR-5 | **Availability** | The Availability Solution is More Benefit for and the Importers and exporters in the crude oil price prediction. |
| NFR-6 | **Scalability** | The scalability are 90%-95% |