

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

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|---------------|--------------------------------------|
| Date | 04 October 2022 |
| Team ID | PNT2022TMID23859 |
| 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 Application | User can download Crude oil price app from the Google play store |
| FR-2 | User Features | User can get the latest news on Oil price Multiple colour themes to distinguish each section. So, they can easily understand. |
| FR-3 | User Products Available | Many products are added to the application, when the user updates the app. |

Non-functional Requirements:

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

| FR No. | Non-Functional Requirement | Description |
|--------|----------------------------|---|
| NFR-1 | Usability | Prediction Accuracy. |
| NFR-2 | Security | OPEC exporters and importers. |
| NFR-3 | Reliability | Benchmark methods in both level and directional forecasting accuracy. |
| NFR-4 | Performance | To improve Accuracy. |
| NFR-5 | Availability | The solution that is available is useful for Importers, Exporters and Airlines. |
| NFR-6 | Scalability | 90%-95%. |