**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID53936 |
| Project Name | Project – Crude Oil Price Prediction |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **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 Colour Themes |
| FR-4 | User Exceptions | User Can Exchange Rates and Currency Converter |
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**Non-functional Requirements:**

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

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| --- | --- | --- |
| **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 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 is 90%-95% |