Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 03October 2022 |
| Team ID | PNT2022TMID07729 |
| Project Name | 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 Color Themes |
| FR-4 | User Exceptions | User Can Exchange Rates And Currancy 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 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% |