Project Design Phase-II

Solution Requirements (Functional & Non-functional)

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID33054 |
| Project Name | Project -Global Sales Data Analytics |
| 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 Registration | Registration through Gmail and Google Business. |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | User Input | Dataset uploaded to Cognos analytics tool. |
| FR-4 | Data Verification and Validation | Data is cleaned and verified for Anomalies and Missing values. |
| FR-5 | Data visualization | Appropriate graphs and attractive charts should be used to visualize the data. |
| FR-6 | Business Decisions | Recommendations are made based on the insight gained from the data. |

# 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** | Dashboards can be accessed by the user when the proper sales data is given. |
| NFR-2 | **Security** | The Dashboard are accessible to the user only with proper login credentials. |
| NFR-3 | **Reliability** | User’s data and visualization must stay in the cloud and its should be accessible whenever the user wants without any problem. |
| NFR-4 | **Performance** | The user can easily drag to any metrics they want to view, and it should work as expected and allows multiple users to access the data at the same time. |
| NFR-5 | **Availability** | Uploaded data must be available at all time and be fault tolerant. |
| NFR-6 | **Scalability** | It should be able to produce advanced graphs and provide proper interpretation of data over large volumes. |