**Project Design Phase-II**

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

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| Date | 16 October 2022 |
| Team ID | PNT2022TMID44607 |
| 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 | Download the dataset | Get the data from the given resource |
| FR-2 | Data pre processing | Fill missing values, Remove duplicate values |
| FR-3 | Choose the tool for visualization | IBM Cognos analytics is chosen |
| FR-4 | Data visualization | Required graph, charts are chosen for visualization and |
| FR-5 | Prepare dashboards | Dashboards, story boards and reports are created in IBM Cognos analytics |

**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** | It should be easier to understand the insights for the customers. |
| NFR-2 | **Security** | The data is protected from unauthorized access. |
| NFR-3 | **Reliability** | Connecting the data to the software and further process. |
| NFR-4 | **Performance** | The analysed information is recorded and updated. |
| NFR-5 | **Availability** | The tool is only available for the authorized persons to create, update, remove and the record customer information. |
| NFR-6 | **Scalability** | Everyday activities are monitored for the growth of work.  Analytic tool should support even the size of data is increased. |