**PROJECT DESIGN PHASE-II**

**FUNCTIONAL REQUIREMENTS (FUNCTIONAL & NON-FUNCTIONAL)**

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| Date | 26 October 2022 |
| Team ID | PNT2022TMID13620 |
| Project Name | Corporate Employee Attrition 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 | Input data | • Get input from HR team  • Specific surveys  • Company records |
| FR-2 | Data Preprocessing | • Clean the data  • Explore the attributes |
| FR-3 | Visualization charts | Using IBM Cognos analytics, generate the required visualization charts for deriving insights |
| FR-4 | Dashboard | Preparing the final dashboard for the provided data |
| FR-5 | Storing the output | At the end, storing the solution in the filesystem/ database of users. |

**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** | This Data Visualization shall be easy to use for all users with minimal instructions. 100% of the languages on the graphical user interface (GUI) shall be intuitive and understandable by non-technical users. |
| NFR-2 | **Security** | The user of the system should be provided the surety that their account details are secure. |
| NFR-3 | **Reliability** | The Link shall be operable in all conditions. The system must be less prone to errors. |
| NFR-4 | **Performance** | The performance of the system must assist the system’s quality. |
| NFR-5 | **Portability** | The link shall be 100% portable to all operating platforms. Therefore, this link should not depend on the different operating systems. |
| NFR-6 | **Scalability** | The system must be able to handle an increase in workload without performance degradation. |