Project Design Phase-II Solution Requirements (Functional &

Non-functional)

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| Date | 04November2022 |
| Team ID | PNT2022TMID01786 |
| Project Name | Data Analytics for DHL Logistics Facilities |

# 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 any Google account or socialmedia accounts. |
| FR-2 | User Confirmation | Confirmation via Email Confirmation via OTP |
| FR-3 | Dataset | The DHL\_Facilities.csv record are collected as a dataset and upload to Cognos analytics |
| FR-4 | Prepare/Analyse | The dataset is moved around to prepare and analyze using Cognos |
| FR-5 | Exploration | The data are explored using logistics dataset by Cognos |
| FR-6 | Dashboard | The Prepared and Explored data are Visualize and  created in different type of dashboards. i.e., charts, graphs, tree, reports, summary, etc.. |

# 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** | No prior experience required to use the  dashboard. People with basic understanding can use the system. |
| NFR-2 | **Security** | Only registered user can use this application. |
| NFR-3 | **Reliability** | The Analytics system ensures the reliability |
| NFR-4 | **Performance** | Gets updated regularly to improve the performance of the application. |
| NFR-5 | **Availability** | The availability of dataset must be constrained for accurate data |
| NFR-6 | **Scalability** | Any kind of data can be explored and the system  is quiet expandable |