

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID14579
Project Name	Project – Corporate Employee Attrition Analysis
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Input data	<ul style="list-style-type: none">• Get input from HR team• Specific surveys• Company records
FR-2	Data Preprocessing	<ul style="list-style-type: none">• 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.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Corporate companies must get a useful insight about their current attrition factors with very interactive efficient interface.
NFR-2	Security	The data which is used for this solution building should be stored in a secure medium for security purposes.
NFR-3	Reliability	The proposed solution model should give high accuracy insight for the end users.
NFR-4	Performance	The model must take less time and system resource for generating the data visualizations
NFR-5	Availability	Model should run at anytime convenient to the users and gives insights
NFR-6	Scalability	The solution model must handle even the huge dataset provided to it.

