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

Date	14 October 2022
Team ID	PNT2022TMID28131
Project Name	Corporate Employee Attrition Analytics
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	User Registration	Registration through Email.
FR-2	User Authentication	Confirmation through Password.
FR-3	Load the Dataset	Retrieve the data records of the employees.
FR-4	Train the Model	Train the model with the provided dataset.
FR-5	Analyse the data	Perform analysis on the input data based onfactors such as work environment, sentiment ,etc.
FR-6	Generate Charts and Graphs	Represent analysis in the form of charts and graphs using visualization techniques.
FR-7	Create a dashboard	Provides key insights and analysis about the data sets.
FR-8	Generate the solution	Showcase the result of analysis and display the solution.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The product is of ease of use in the to be considered good. It simply has a pleasant interface, it has met the requirements of efficiency.
NFR-2	Security	The user of the system should be provided with the assurance that theiraccount details are secure. The systemwill provide security against cross site forgery.
NFR-3	Reliability	The system should run under stated conditions without any failure.

NFR-4	Performance	Performance is an indicator of how well asoftware system or component meets its requirements for timeliness. Timeliness is measured in terms of response time or throughput.
NFR-5	Availability	It is the probability that a repairable system is operational at a given point under a set of environmental conditions.
NFR-6	Scalability	Having a good scalability means that the system can work reliably in the midst of increased load. Scalability is preventing performancedegradation when facing increased loads.