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

Date	03 October 2022
Team ID	PNT2022TMID14675
Project Name	Project - 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 Form Registration through Gmail Registration through LinkedIN
FR-2	User Verification	Confirmation via Email Confirmation via OTP
FR-3	Employee' feedback	Collected feedback from email, form, live polls are stored in database
FR-4	Employee management	Collecting and managing employee work status (presently working or on the verge to leave the company) in the company
FR-5	Analyze button	Analyzes and visualizes the major reasons that caused the attrition via a dashboard with the analyzed data from the collected data (feedback) about employees sentiment, reason to relieve from work, work environment etc…

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The GUI should be easy to use, interactive and fast at the same time.
NFR-2	**Security**	The employee feedback and employee data should be protected at all costs for the reason of privacy.
NFR-3	**Reliability**	The software should be reliable for use all the time by all the users at any time of the process and even though there is any noise in the dataset that would affect the analysis of the data, the software should be able to ignore them for better analytics.
NFR-4	**Performance**	No matter what the size of the dataset or even if any new features are introduced to the dataset, it should not affect the performance.

NFR-5	**Availability**	The software should have a zero downtime and should not crash at any cost promising availability. In any cases when it is introduced to variety of data or even any data with many noises the software need to have the ability to handle it.
NFR-6	**Scalability**	It should be reliable no matter the size of the dataset and should work well if any new features are added to the dataset as well. It should also work well for any future add ons as well