

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 Authentication	Authenticating users by their given credentials into the website.
FR-3	Employee' feedback	Collected feedback from email, form, live polls are stored in database
FR-4	Report generation	Data visualization oversimplifies the information and can be misleading but it makes data understandable. Business reporting is a comprehensive form of data that provides all the necessary details but it is a little complex.
FR-5	Dashboard	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...
FR-6	Story	A story is a sequence of visualizations that work together to convey information.

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