

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

Date	15 October 2022
Team ID	PNT2022TMID00882
Project Name	Project – Corporate Employee Attrition
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 Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Authentication	Authenticate the user's attempt to login using the database
FR-4	Retention analysis	Employee attrition analysis by biannual or quarterly performance appraisal, Identifying the team where the major resignation happens
FR-5	Employee management	Validating and managing the registered employee details.
FR-6	Progress management	Maintaining the progress of each employee for Appraisals
FR-7	Link	It is used for predicting the likely attrition factors. We'll be taking the following route for this analysis <ul style="list-style-type: none"><li>• Getting our input and storing it.</li><li>• Select the necessary attributes for the Prediction</li><li>• Creating Dashboard, Report &amp; Stories</li><li>• Predicting our results.</li><li>• Showcase the results with the help of dashboard, Report &amp; Stories</li></ul>

### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	This Data Visualization shall be easy to use for all users with minimal instructions. 100% of the languages on the graphical user interface (GUI) shall be intuitive and understandable by non-technical users.
NFR-2	<b>Security</b>	The user of the system should be provided the surety that their account details are secure.
NFR-3	<b>Reliability</b>	The Link shall be operable in all conditions. The system must be less prone to errors.
NFR-4	<b>Performance</b>	The performance of the system must assist the system's quality.
NFR-5	<b>Portability</b>	The link shall be 100% portable to all operating platforms. Therefore, this link should not depend on the different operating systems.
NFR-6	<b>Scalability</b>	The system must be able to handle an increase in workload without performance degradation.