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

Corporate Employee Attrition Analysis

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
FR-2	User Confirmation	Confirmation via Email
FR-3	Authentication of the user	Using the database, verify the user's attempt to log in.
FR-4	Retention study	Analysis of employee attrition based on attitudes, the workplace, daily contributions, etc.
FR-5	Employee administration	Maintaining and verifying the information about enrolled employees.
FR-6	Progress monitoring	Each employee's advancement inside the organization is added.
FR-7	Predicting button	- All of the codes required to anticipate our results are contained in the predict route, which is used for prediction. First, the launch function includes the following items: - obtaining our input and archiving it. - Choose the attributes that are required for the forecast. - building a model. - predicting our outcomes. - Display the results using the dashboard. - Finally, run the programme.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	All users should find it simple to use and require few instructions when using this software. The graphical user interface's (GUI) languages must all be user-friendly and simple enough for non-technical users to understand.
NFR-2	**Security**	The system user should be given the assurance that their account information is secure. In order to prevent cross-site request forgery, the system will offer security.

NFR-3	**Reliability**	The software must function under all circumstances. Less errors must occur in the system.
NFR-4	**Performance**	The system's performance must support the system's quality.
NFR-5	**Extensibility**	The programme must be extendable to accommodate new features and upgrades in the future.
NFR-6	**Portability**	The software must run on every operating system platform. As a result, this software shouldn't be dependent on various operating systems.
NFR-7	**Scalability**	An increase in workload must be supported by the system without performance degradation.