Project Design Phase - II

Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID37447
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	Dataset	Sign up through Kaggle Registration through Gmail
FR-2	Uploading the dataset	Sign up into IBM Cloud Account Invitation through mail id Sign up into IBM Cognos Analytics Invitation through mail id
FR-3	Data Visualization Charts	Sign up into IBM Cognos Analytics Invitation through mail id
FR-4	Coding	Sign in Jupyter Python coding - Jupyter – Google Colabs
FR-4	Modelling and testing	Sign in Python Direct Collaboration through google collabs

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The dataset is obtained from the external sources must be safe and recommended for analysis
NFR-2	**Security**	Organizations must protect their most critical business assets—your data—against unauthorized or unwanted use. They must combine people, processes, and technology to protect data throughout its lifecycle. Use a unified platform that integrates data security information across your entire enterprise and that ensures scalability on environments of any size across public cloud, on-premises, and hybrid cloud deployment
NFR-3	**Reliability**	The analysis gives suggestions and steps that can be carried to whole company's attrition problem, as a long-time solution
NFR-4	**Performance**	The performance of the analysis must be solving the problem fully, so that it gives a permanent solution to the problem faced
NFR-5	**Availability**	The dataset is analysed and solution is given to the problem faced and the solution must be available for the full process
NFR-6	**Scalability**	Data is growing at an exponential rate. Keeping up with new data sources across environments creates complexity at an unprecedented scale