

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

Date	14 October 2022
Team ID	PNT2022TMID53532
Project Name	Customer Care Registry
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 Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Database	Data Type, Configurations etc.
FR-4	Cloud Database	Database Service on Cloud
FR-5	File Storage	File storage requirements
FR-6	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Google server (Collab)

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	A software for which the original source code is made freely available and may be redistributed and modified according to the requirement of the user.
NFR-2	Security	IBM Cognos Application Firewall provides security features that are in addition to many of the components identified in the recommended security framework. Firewall architecture is based on a shared library that can be easily updated when new security threats are identified.
NFR-3	Reliability	Python is one of the pioneers of programming languages that developers can use to do all the scaling work. To improve scalability, you can enable or disable services run by the dispatcher on individual servers to balance the load for a given computer by request type.

NFR-4	Performance	This is a fundamental step if we need to achieve the greatest benefit with the least amount of work. Designing for capacity means determining the hardware needed for your system to perform well under its anticipated workload.
NFR-5	Availability	Availability is the ability of a system to withstand or recover from exceptional situations, such as a computer failure. The Jupyter Notebook is a webbased interactive computing platform. The notebook combines live code, equations, narrative text, visualizations, etc.
NFR-6	Scalability	