

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

Date	03 October 2022
Team ID	PNT2022TMID28536
Project Name	AI-based discourse for Banking Industry
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	<ul style="list-style-type: none"> Registration through Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	<ul style="list-style-type: none"> Confirmation via Email Confirmation via OTP
FR-3	Complex dialogues	<ul style="list-style-type: none"> In addition to understanding and interacting within conversations, outstanding chatbot software has NLP functions (Natural Language Processing) to analyze the context of a conversation.
FR-4	Response	<ul style="list-style-type: none"> The bot should respond to any input it receives.
FR-5	User data storage	<ul style="list-style-type: none"> The bot should be able to create a private cloud or virtual machine instances from user input.
FR-6	Send users data	<ul style="list-style-type: none"> The data can be sent as a text message. The data can be sent as a graph + accompanying text, if requested by the user.

Non-functional Requirements: Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none"> Web interface. One account for all locations. API.
NFR-2	Security	<ul style="list-style-type: none"> The bot should authenticate the users before being able to query information from the bot. Encrypted Storage.
NFR-3	Reliability	<ul style="list-style-type: none"> Faster than humans and because of the repetitive tasks.
NFR-4	Performance	<ul style="list-style-type: none"> Response time is less
NFR-5	Availability	<ul style="list-style-type: none"> Service level agreement (SLA)
NFR-6	Scalability	<ul style="list-style-type: none"> The product should be open-source and published under some license.