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

Date	22 October 2022
Team ID	PNT2022TMID43737
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	• Registration through Form • Registration through Gmail • Registration through LinkedIn
FR-2	User Confirmation	• Confirmation via Email • Confirmation via OTP
FR-3	Complex dialogues	• Excellent chatbot software has NLP functions (Natural Language Processing) to evaluate the context of a discussion in addition to comprehending and participating in chats.
FR-4	Response	• The bot ought to react to any input it gets.
FR-5	User data storage	• From user input, the bot should be able to build private cloud or virtual machine instances.
FR-6	Send users data	• The data can be sent as a text message. • The data can be sent as a graph and 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**	• Web interface. • One account for all locations. • API.
NFR-2	**Security**	• The bot should authenticate the users before being able to query information from the bot. • Encrypted Storage.
NFR-3	**Reliability**	• Faster than humans and because of the repetitive tasks.
NFR-4	**Performance**	• Response time is less
NFR-5	**Availability**	• Service level agreement (SLA)
NFR-6	**Scalability**	• The product should be open-source and published under some license.