

Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	20 October 2022
Team ID	PNT2022TMD44872
Project Name	AI based Discourse for Banking Industry
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	HTML, CSS, Python Flask
2.	Application Logic-1	Get input from the user	HTML, CSS, Python Flask
3.	Application Logic-2	Queries about creation of bank account, loans and net banking	IBM Watson STT service
4.	Application Logic-3	Display the solutions	IBM Watson Assistant
5.	File Storage	File storage requirements	IBM Cloud
6.	Infrastructure (Server / Cloud)	Cloud deployment	Local, Cloud Foundry, Kubernetes, etc.

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Development and deployment	IBM Cloud ,Python
2.	Security Implementations	Security provide by provided IBM Cloud	Identify and verify the Details
3.	Scalable Architecture	MOdel can be scalable	Python
4.	Availability	Available in Cloud	IBM Cloud
5.	Performance	High performance	Machine Learning