

## Project Design Phase-I Solution Architecture

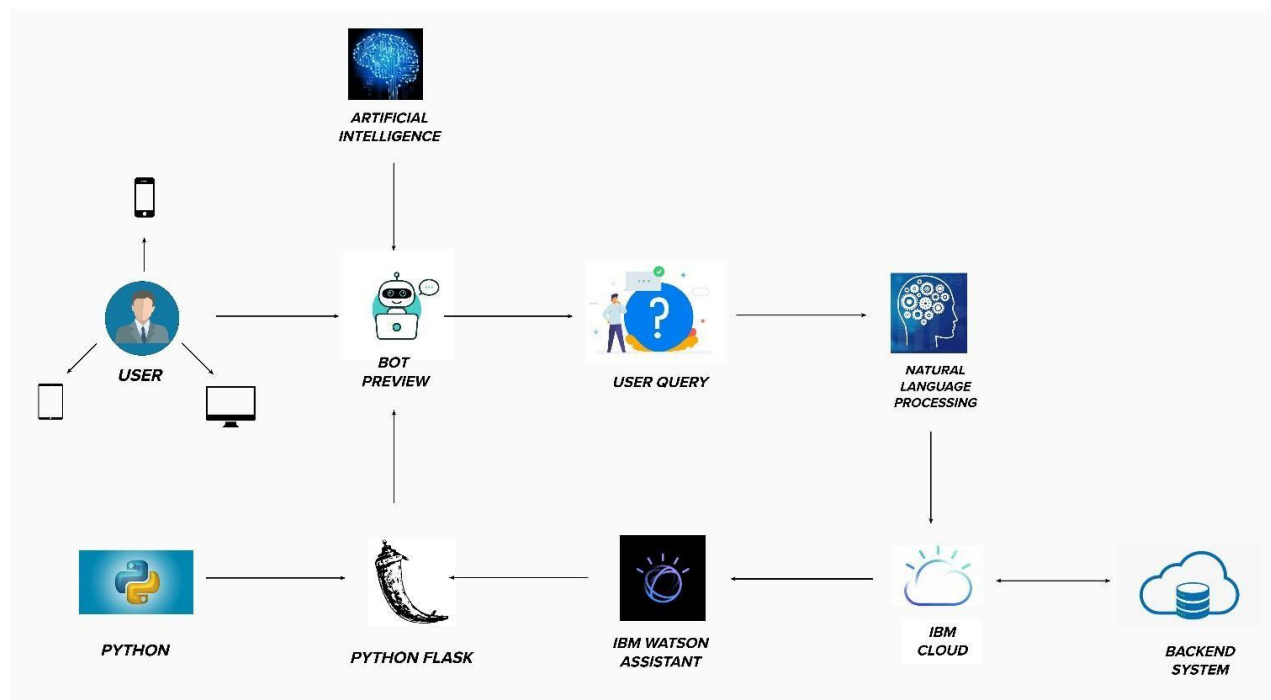
Date	1 October 2022
Team ID	PNT2022TMID03463
Project Name	AI based discourse for Banking Industry
Maximum Marks	4 Marks

### Solution Architecture:

Customers of the bank needs an assistant to assist them in online in many ways like getting payment link directly, answering their queries 24/7, loan queries, Net Banking ,details related to banking,

Creating bank account, connecting customerwith the Bank Employee directly whenever needed, Live queries etc.

To solve this Problem, we are going to design anAI Chatbot using IBM Watson Assistant which saves the Customer's time and cost as they don't need to go bank directly. We are going to Deploy using Python Flask. We are also going to make use of many trending features such as NLP, NLU and IBM Cloud. We are going to train our model using Deep Learning. Our Chatbot will be built in such a way that it can Chat for hours without the need for human.



### Technologies used:

#### IBM WATSON ASSISTANT

IBM Watson Assistant uses artificial intelligence that understands customers in context to provide fast, consistent, and accurate answers across any application, device, or channel. Then integrate the IBM Watson assistant with python flask.