Project Scope

a. Project Summary

Well, we all know that Chatbots will be one of the essential things in our daily life while surfing internet.
As when we are solving our querries with Customer care it takes much time as its just a person-to-person talk while he can't take another call, while talking to the same person until his query has been solved, whereas, Chatbots are developed in such a manner that it can talk to a large number of crowd at a time while clearing each one's doubt and even if there is something that can't be don by chatbot, it connects with customer care.
Thus, saving lots of time.

b. Project Requirements

There must be some features that needs to be keep in mind while thinking before developing this, these are
1. Respond immediately:- As I have already told that it can help to avoid long wait times for phone-based customer support agents or even longer wait times for email and even form-based support.
2. Keep it conversational:-Chatbot make it very easy for all the users to find the information they need.
3. Improve Loyalty:-By helping users in the correct way without doing any type of formality will gain user's satisfaction, efficient experience.

c. Functional Requirements

Few functional requirements are:-

➤ **The bot should respond to all inputs that it recieves.**

➤ **The bit should be able to send users data in the way as:-**

The data can be sent as a text message.

The data can be sent a graph so that user can understand in a more brief manner.

➤ **The bot should be able to create private cloud or virtual machine instances from the user input.**

d. Technical Requirements

Few technical Requirements are:-

➤ **Multiple types of Chatbot executing multiple tasks**

The Chatbot development platform should offer pre-built and ready to deploy bots which address certain used cases.

➤ **Multiple Channel Support**

Enterprises need to look for the chatbot's development platform where these chatbots can be deployed to the websites, or even mobile apps, or ay other place.

➤ **Ability to bridge the platform**

As a developer, our works not only end with making the model but we also need a formation to bridge a platform for the users.

e. Software Requirements

We all know that coding is one of the most important part of this project. But which language is best for coding?
As, This internship is on the topic Artificial Intelligence, so, We will go by using Python as our main language.This is because it can be

used in simplified manner and is also one of the most important language for Data Science.And for creating Chatbot, there is no use of Hardware.Its all dependent on Chatbot Usecase,i.e, Number of users who will use, core purpose of the chatbot,etc.
Also, we need to know how to use IBM CLOUD and IBM WATSON services, as these are used to handle traffic efficiently.

e. Project Deliverables

Instead of sharing only PDF documents that few people ever read and consume their own time to produce, it has been decided to do the other things and implement Chatbots as a means of Deliverables.
this can help lots of time of many users as well as for the customer care.

f. Project Team

I, Harsh Raj, has been working alone on this intern having topic,"Artificial Intelligence" and been doing work all by myself.