# Chatbot using IBM Watson Assistant

**Description:**

Deploying a chatbot using IBM Watson Assistant for providing information about Electronics, Electronic devices and parameters involved in it .This document involves several steps, including creating an Assistant, defining intents and entities, configuring dialog flows, and integrating it into your application or website.

**Here's a high-level overview of the process:**

**Step 1:**

Create an IBM Cloud Account:

If you don't have an IBM Cloud account, sign up for one at IBM Cloud.

**Step 2:**

Set Up Watson Assistant:

Log in to your IBM Cloud account.

**Step 3:**

Go to the Watson Assistant service in the IBM Cloud catalog.

Create an instance of Watson Assistant.

**Step 4:**

- Inside your Watson Assistant instance, create a assistant by naming it and give description by using this link

https://eu-gb.assistant.watson.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeu-gb%3Aa%2Fb6e25b7f08f5411b81e7aaa
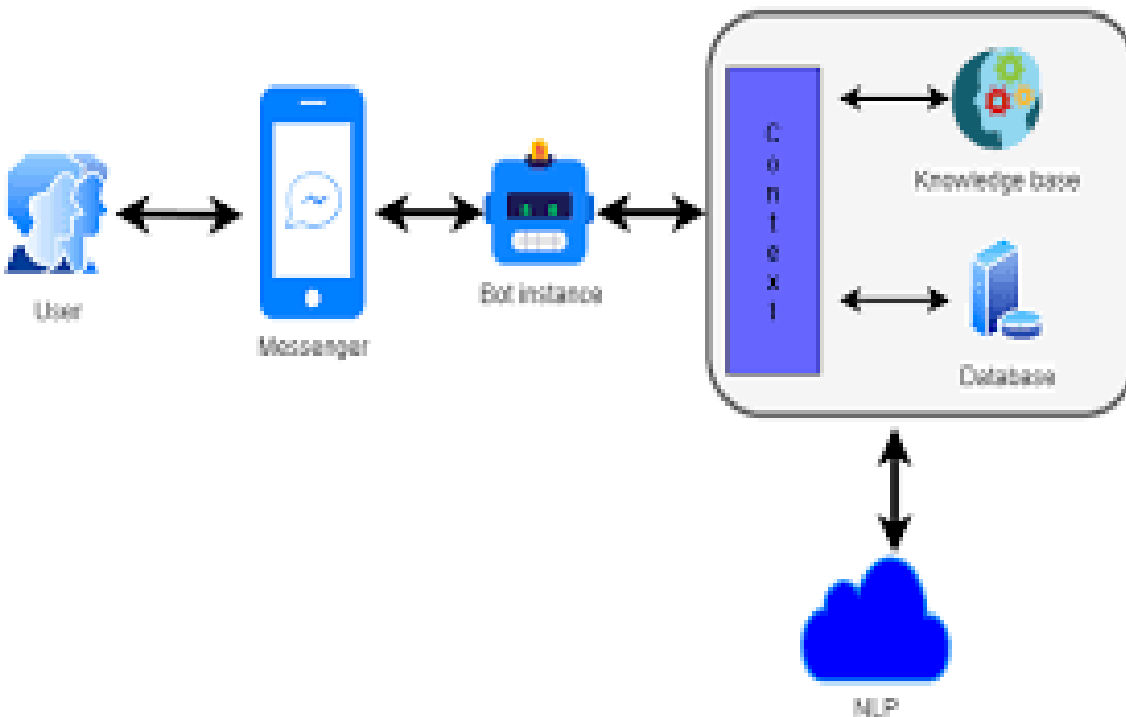
- Create a logo for your chatbot assistant

**Step 5:**

   Define Intents, Entities, and Dialog nodes based on your chatbot's requirements. These are the building blocks of your chatbot's conversation flow in the following link:

https://cloud.ibm.com/services/conversation/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeu-gb%3Aa%2Fb6e25b7f08f5411b81e7aaa5645e7706%3Ae9c4028f-cae4-4025-b805-3b281113163c%3A%3A?paneId=manage



**Step 6:**

       Configuring Assistant's settings, including its name as ***ELECTROBOT***, description, and language preferences  as **English**

https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Feu-gb.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-e9c4028f-cae4-4025-b805-3b281113163c%3A%3A32394f0a-d343-44e4-9093-65c60adcf28b&integrationID=50e24d36-d6db-40a7-bb15-5bddb8b394a0&region=eu-gb&serviceInstanceID=e9c4028f-cae4-4025-b805-3b281113163c

**Step 7:**

       Train the Assistant  provided using the electronics oriented questions and answers by inserting phrases. This helps Watson understand user input better.

**Step 8:**

Test the Assistant. Use the Watson Assistant's web interface to test your chatbot and refine its responses.

**Step 9:**

You can integrate Watson Assistant into your application or website using the Watson Assistant API. To integrate it into a browser application, you might use the Watson Assistant Web Chat widget or create a custom frontend.

Thus this the development / initial stage for creating the chatbot for Electronics sector....