**Project 6: Chatbot Deployment with IBM Cloud Watson Assistant**

**Phase 3: Development Part 1**

**Chatbot persona:**

1. A chatbot's persona includes factors like its name, gender, job, back story, tone, and personality traits.

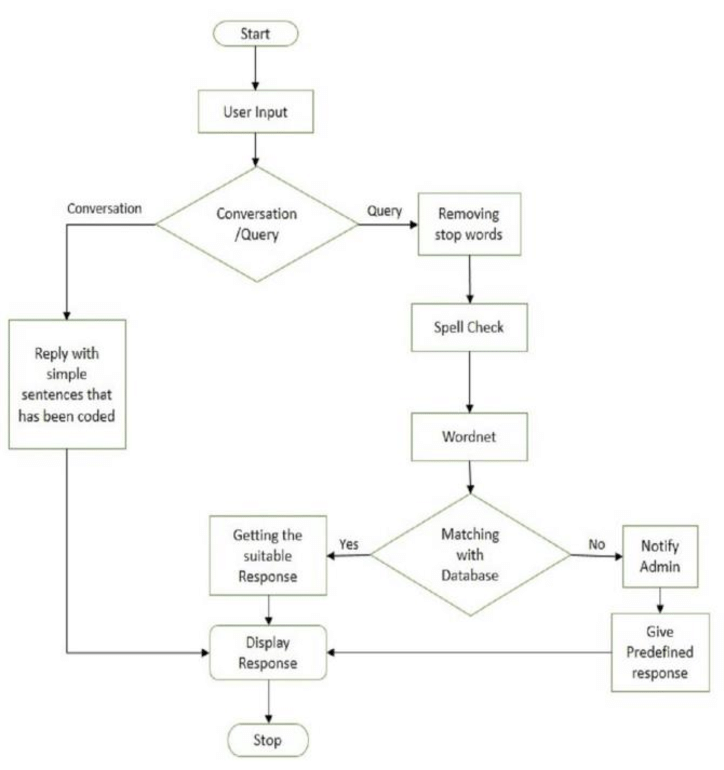
2. A persona embodies preferences and expectations of your product, as well as a way of interacting with your bot.

3. Personalized chatbots focus on endowing chatbots with a consistent personality to behave like real users, give more informative responses, and further act as personal assistants.

**CONVERSATION FLOW DESIGN:**

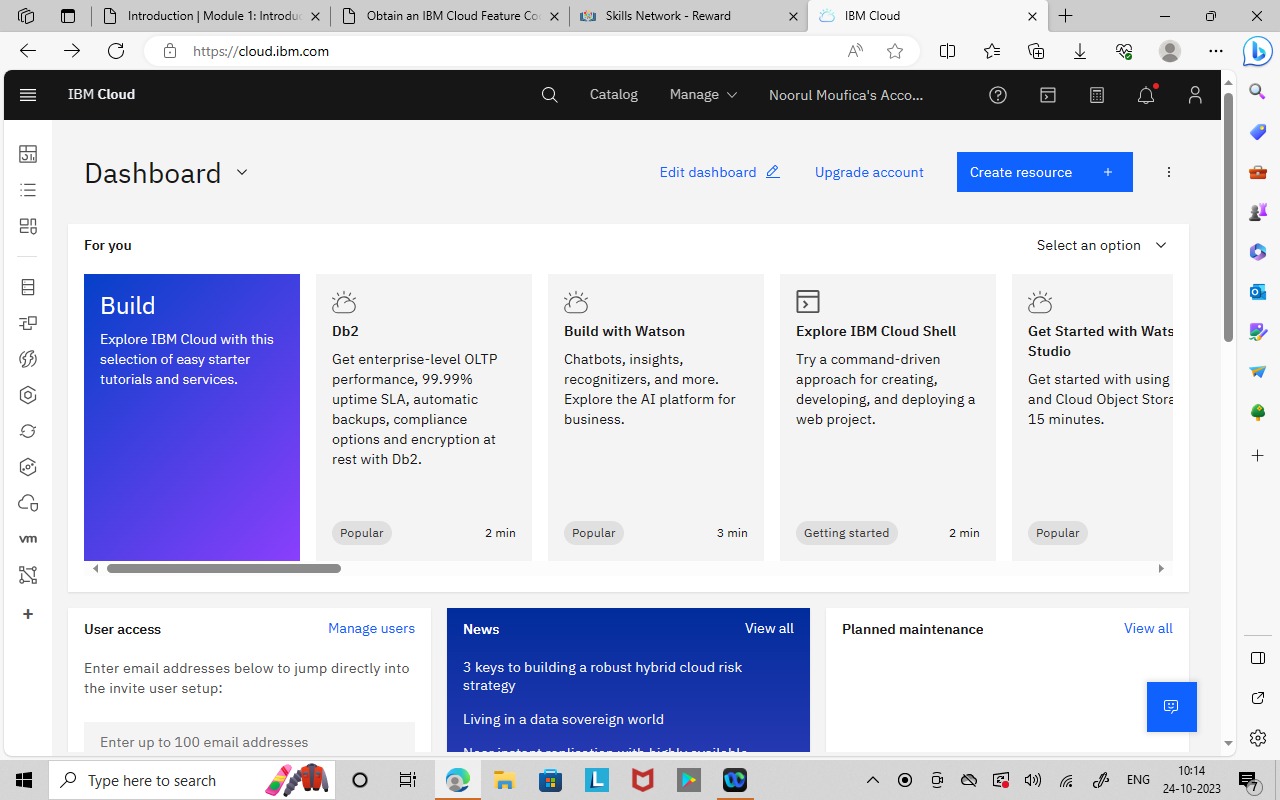
A chatbot conversation flow represents a decision tree that guides a us through their journey when they land on a chatbot. Like any other conversation, a chatbot flow has certain logical elements, such as:

* Greeting
* Asking
* Informing
* Suggesting
* Checking
* Apologizing
* Error
* Goodbye

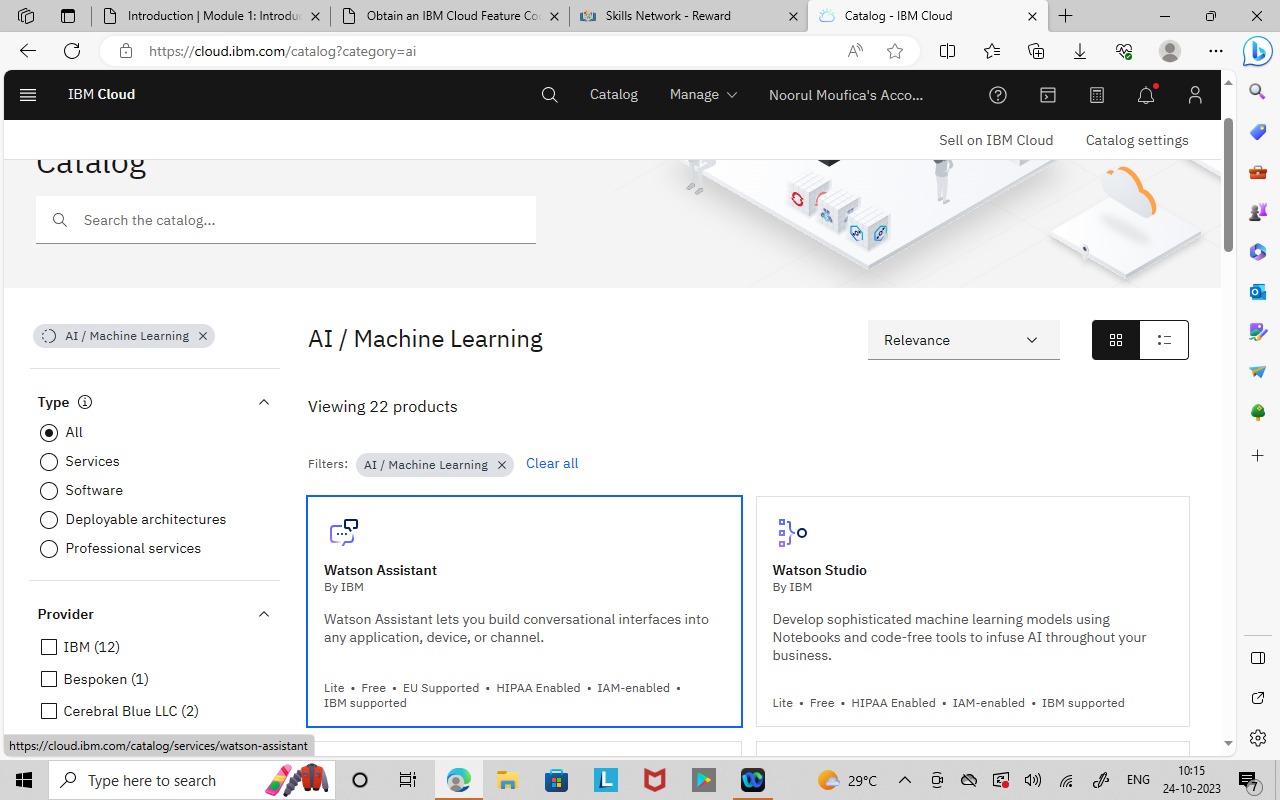


**SETUP OF WATSON ASSISTANT IN IBM CLOUD:**

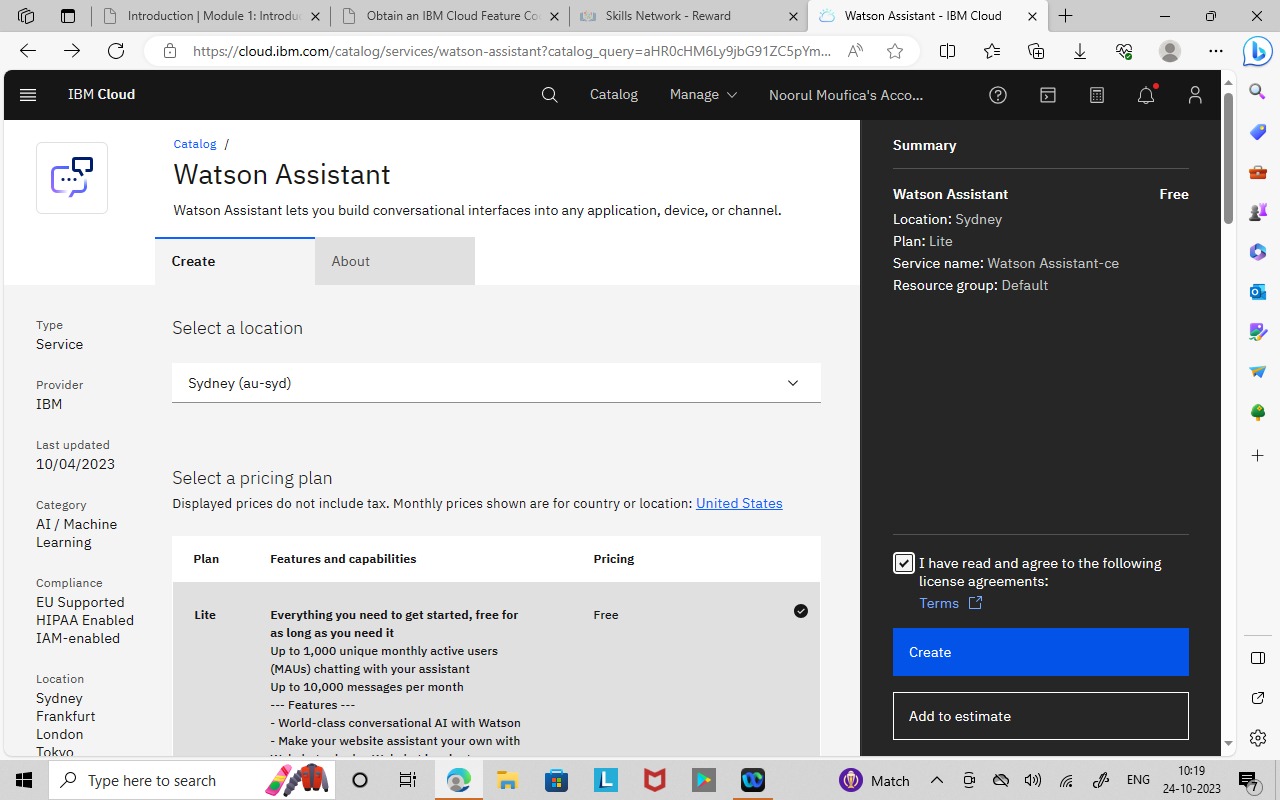
STEP 1 -- The Dashboard of IBM cloud



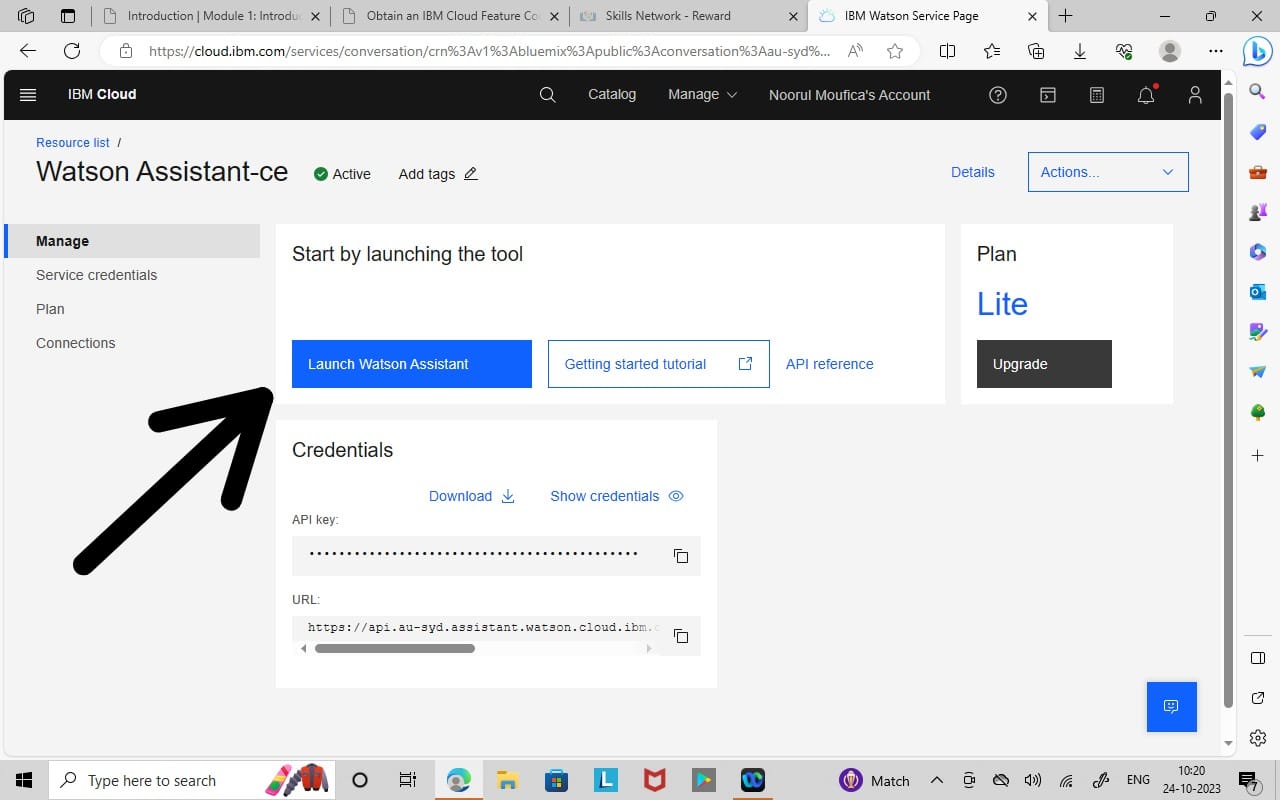
STEP 2 -- Select the Watson assistant in the catalog



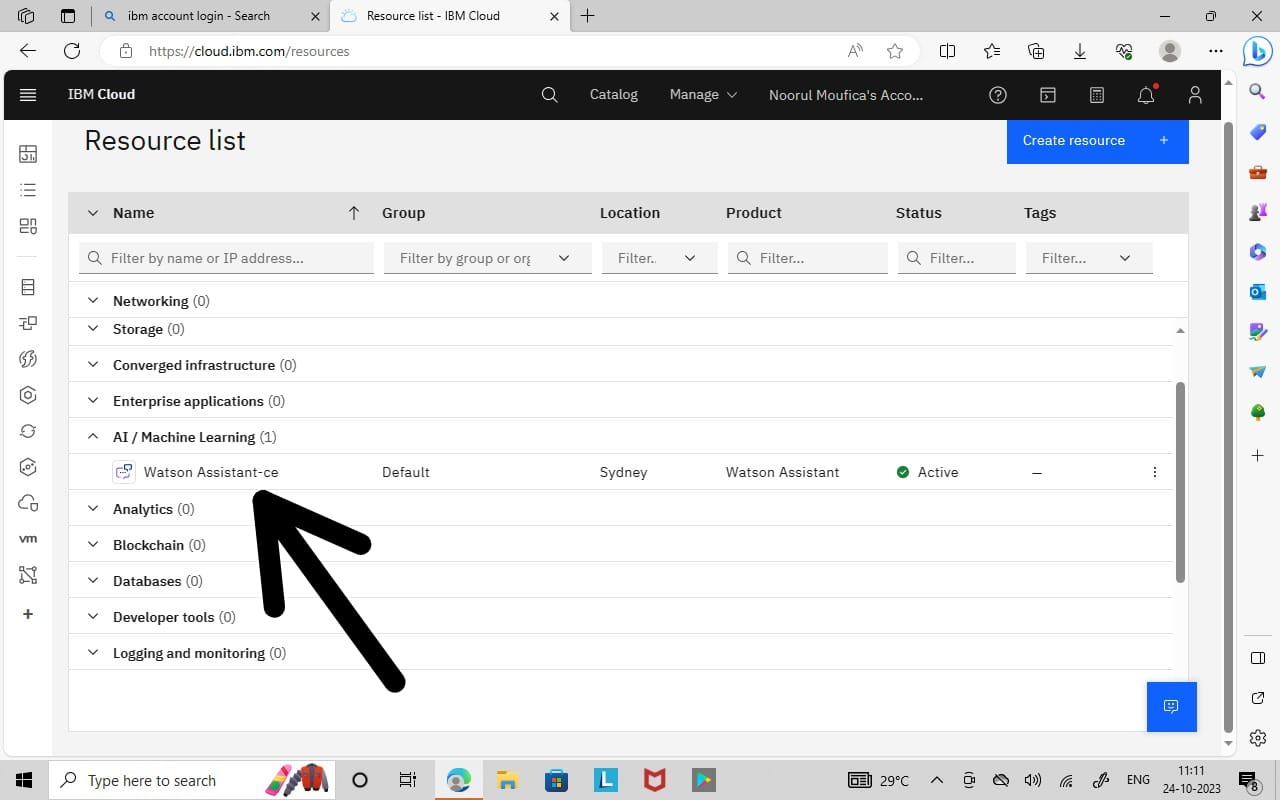
STEP 3 -- Enable the condition and create a watson assistant



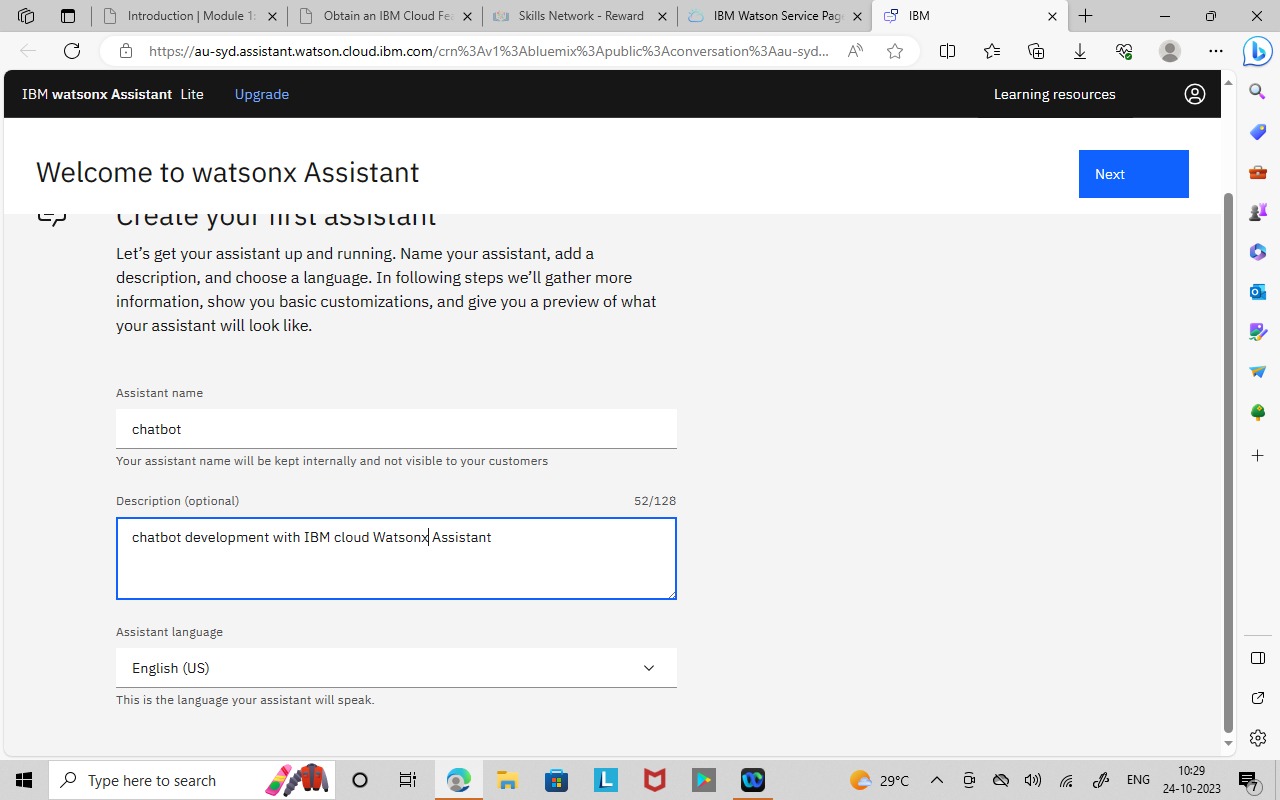
STEP 4 -- Launch the Watson Assistant Tool



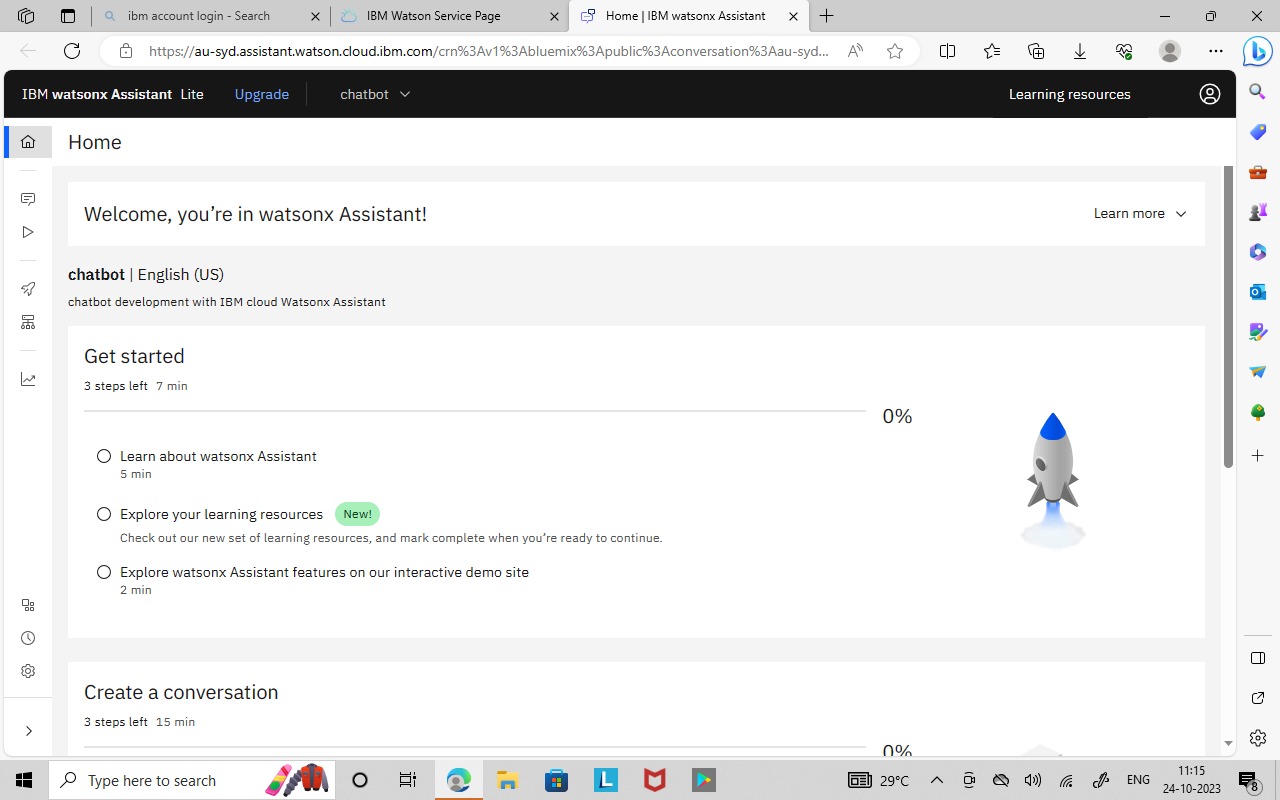
STEP 5 -- we can use the Watson Assistant by resource list in menu Under AI/Machine Learning.



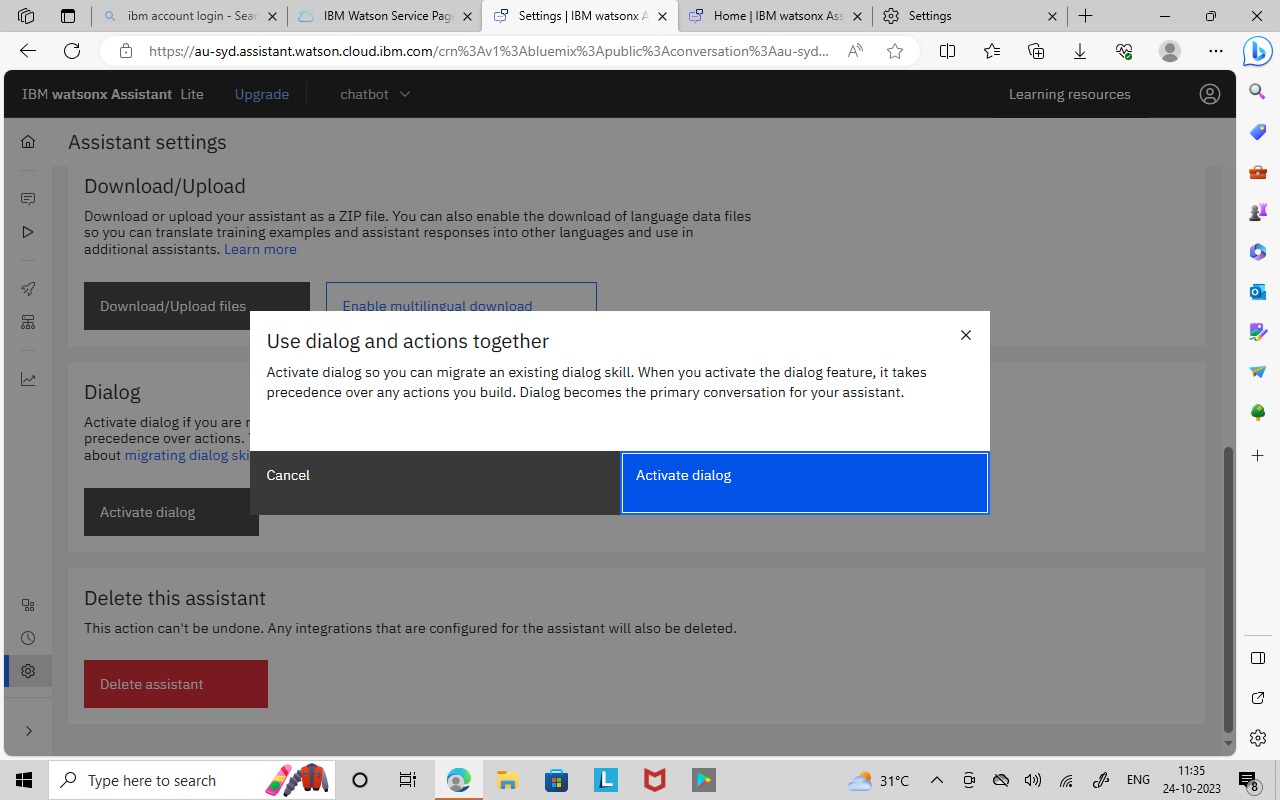
STEP 6 -- Create a Assistant



STEP 7 -- The watson assistant is created successfully

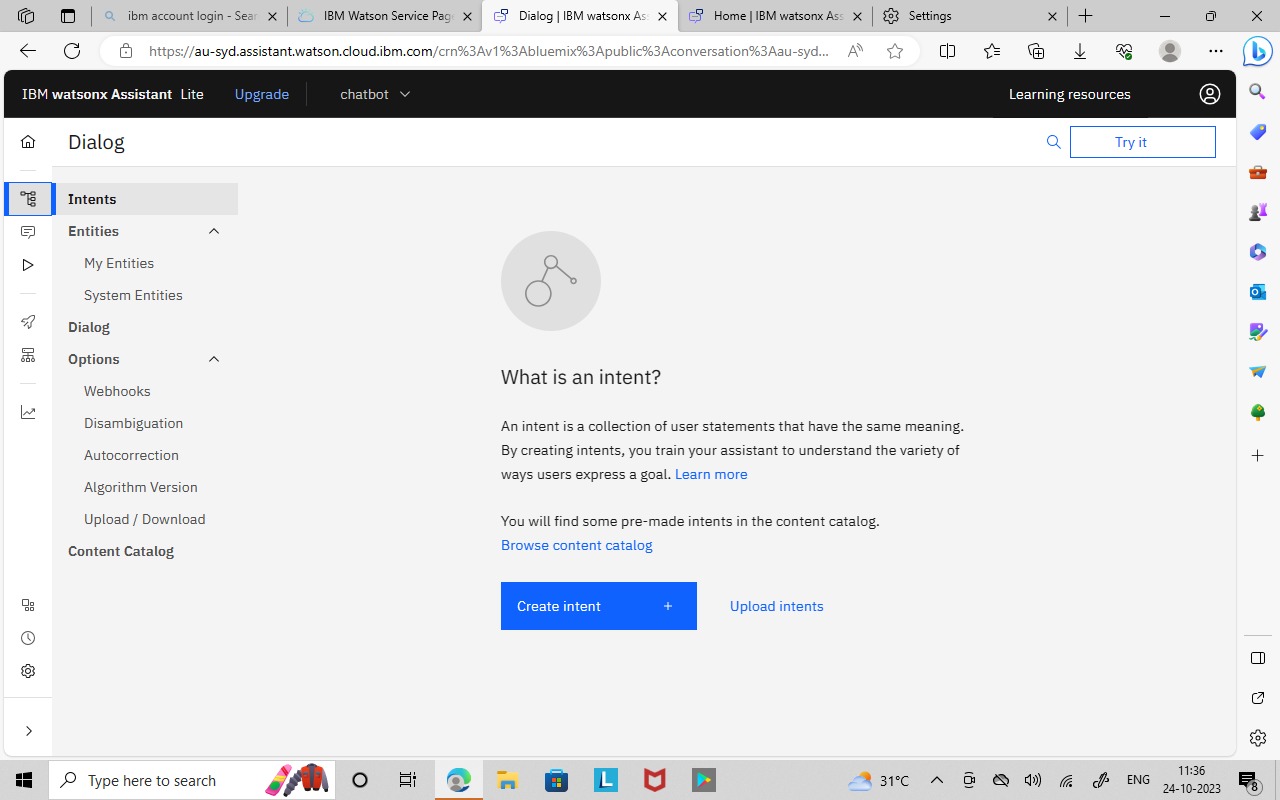


STEP 8 -- Activate the Dialog Feature which includes INTENTS,ENTITIES, DIALOG Nodes.

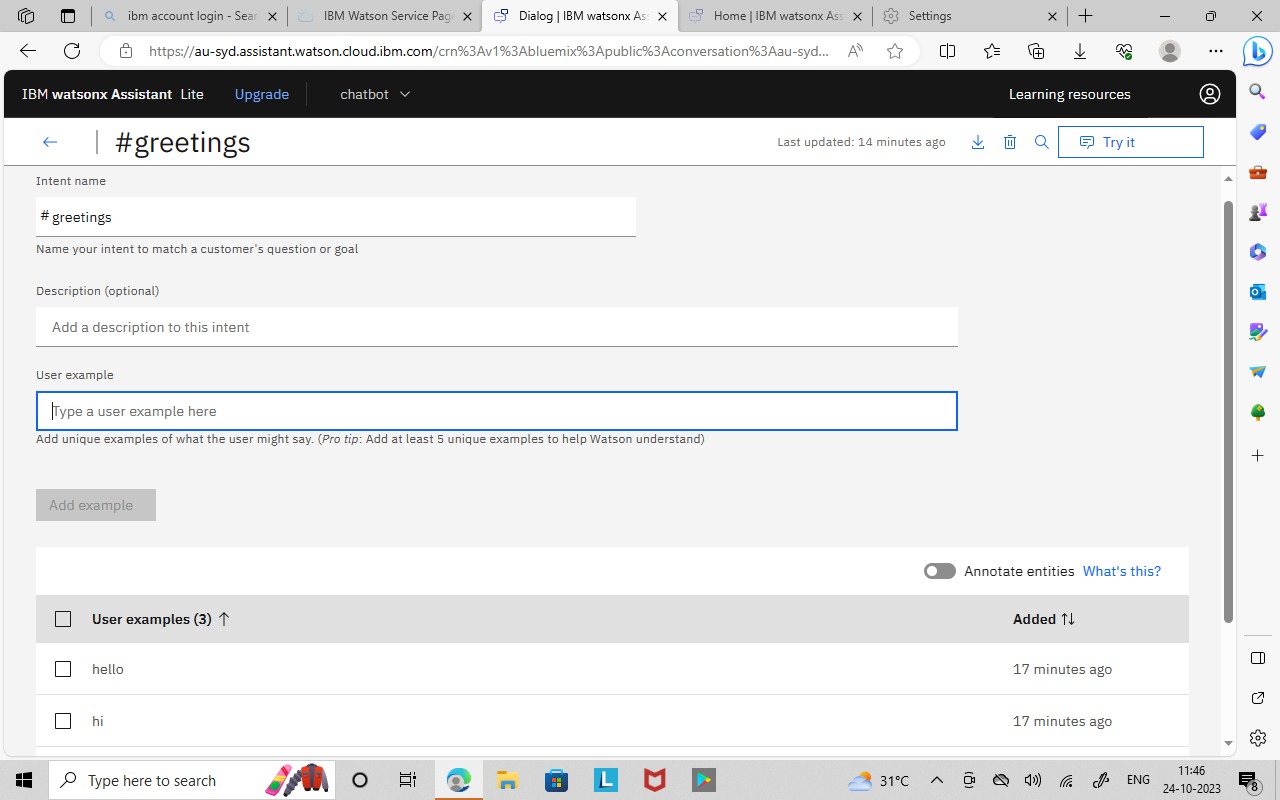


**CREATION OF INTENTS**

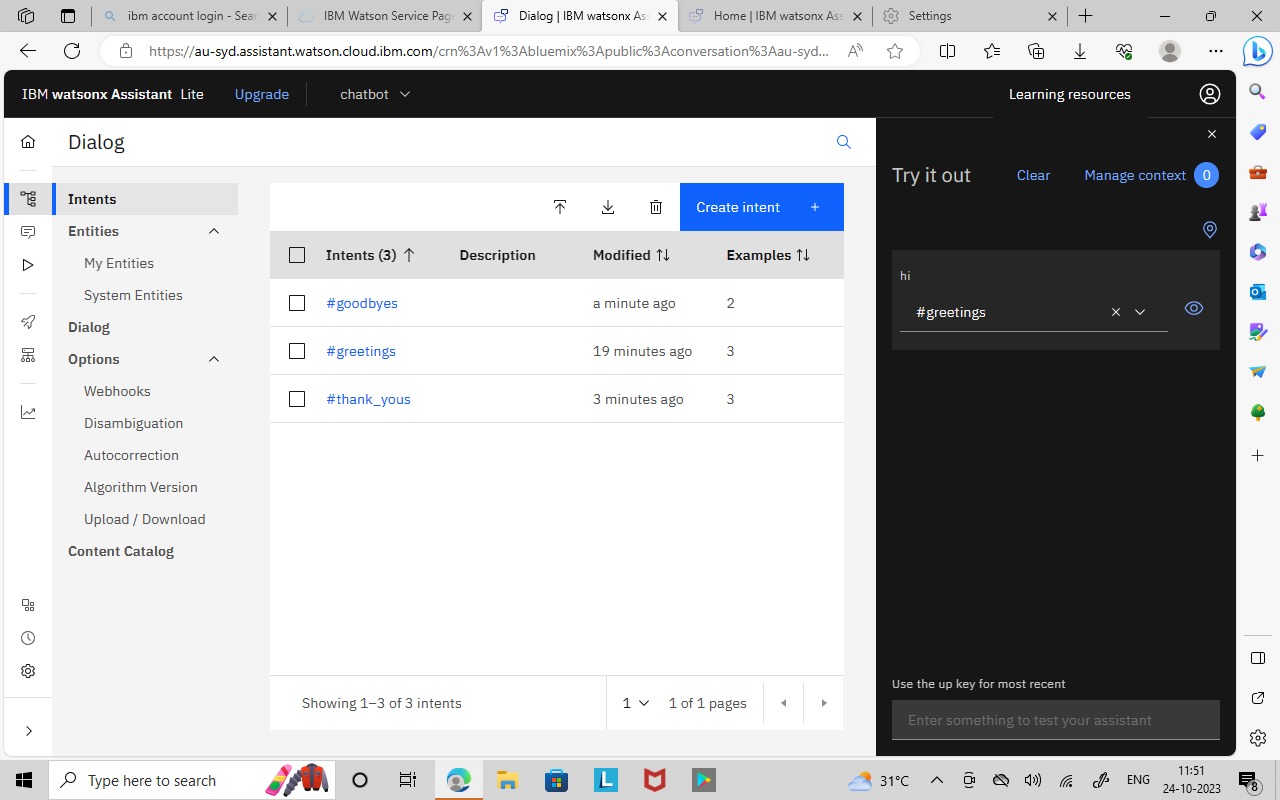
STEP 1 -- Create a intents.



STEP 2 -- Create a #greetings intent with examples Hi , Hello.

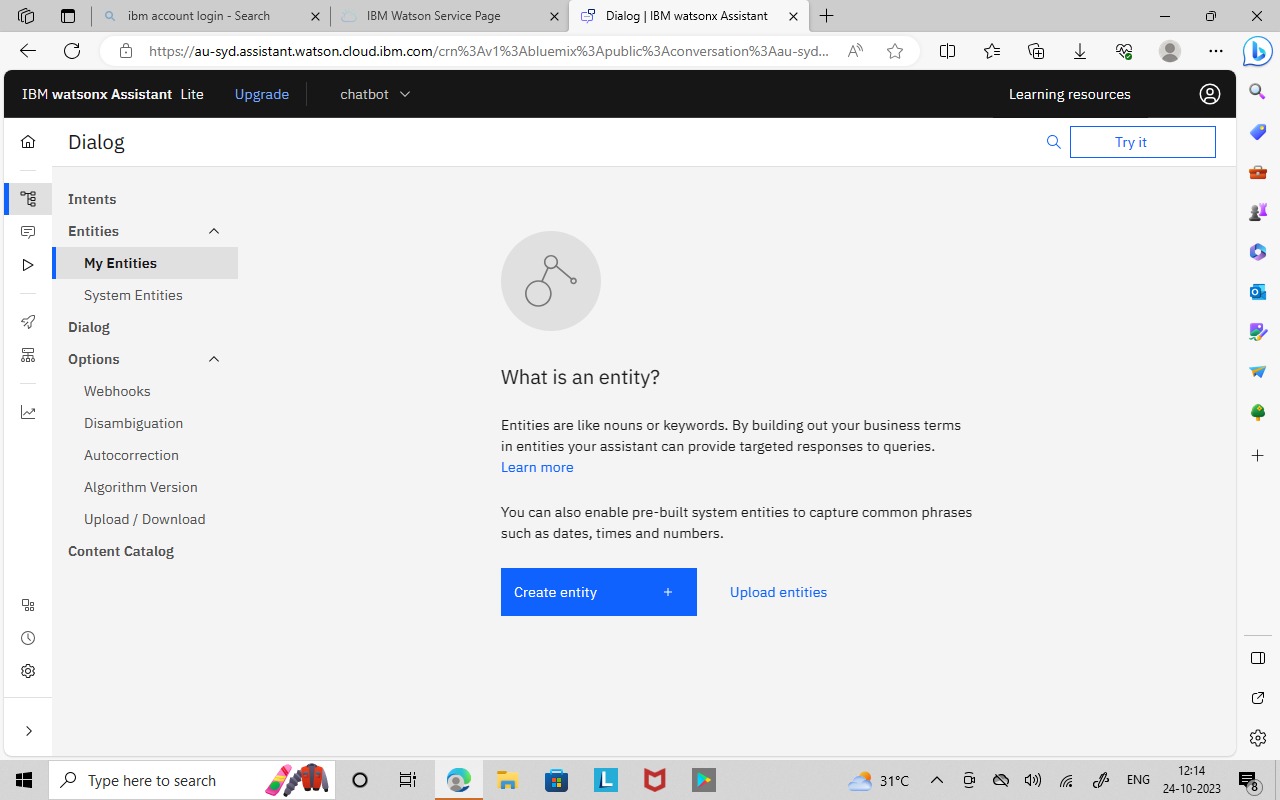


STEP 3 -- #greetings, #thank\_yous, #goodbyes Intent is created and it is tested using Try it which is shown in below Image.

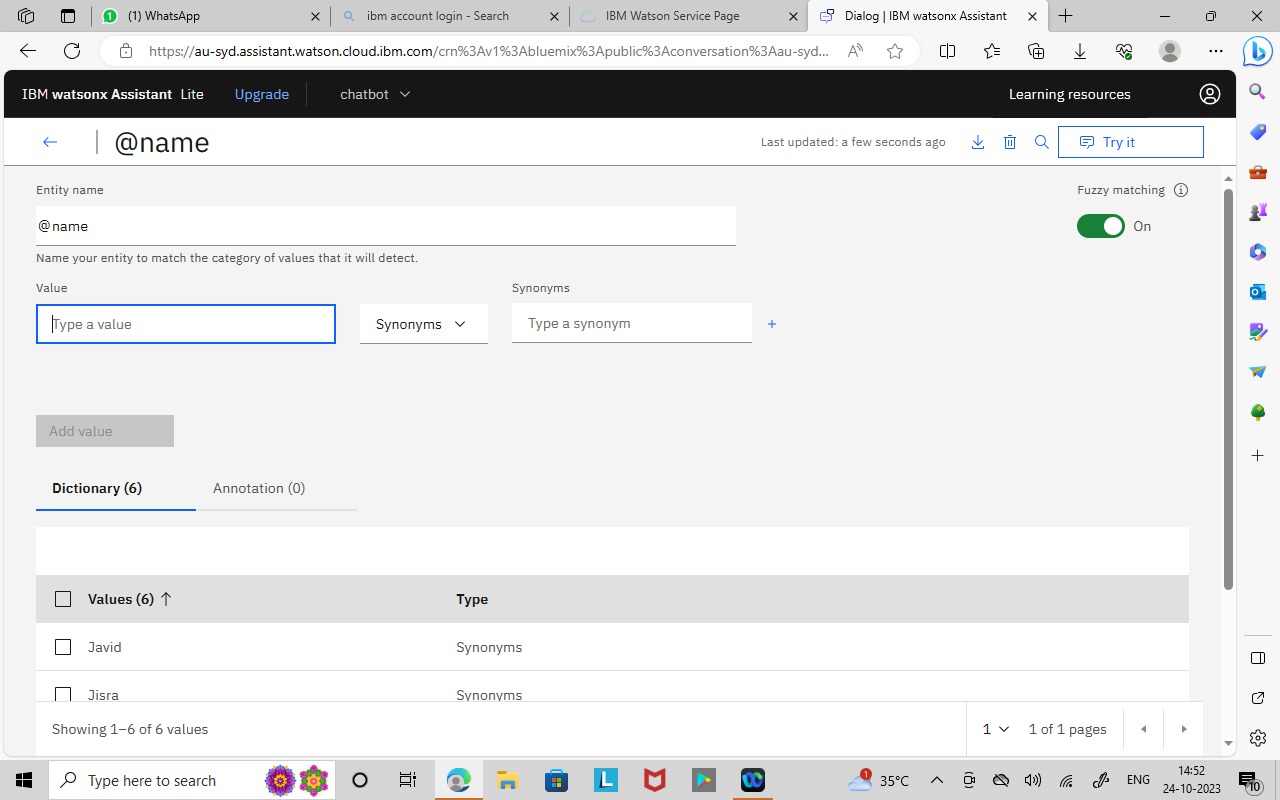


**CREATION OF ENTITIES**

STEP 1 -- Create Entities.

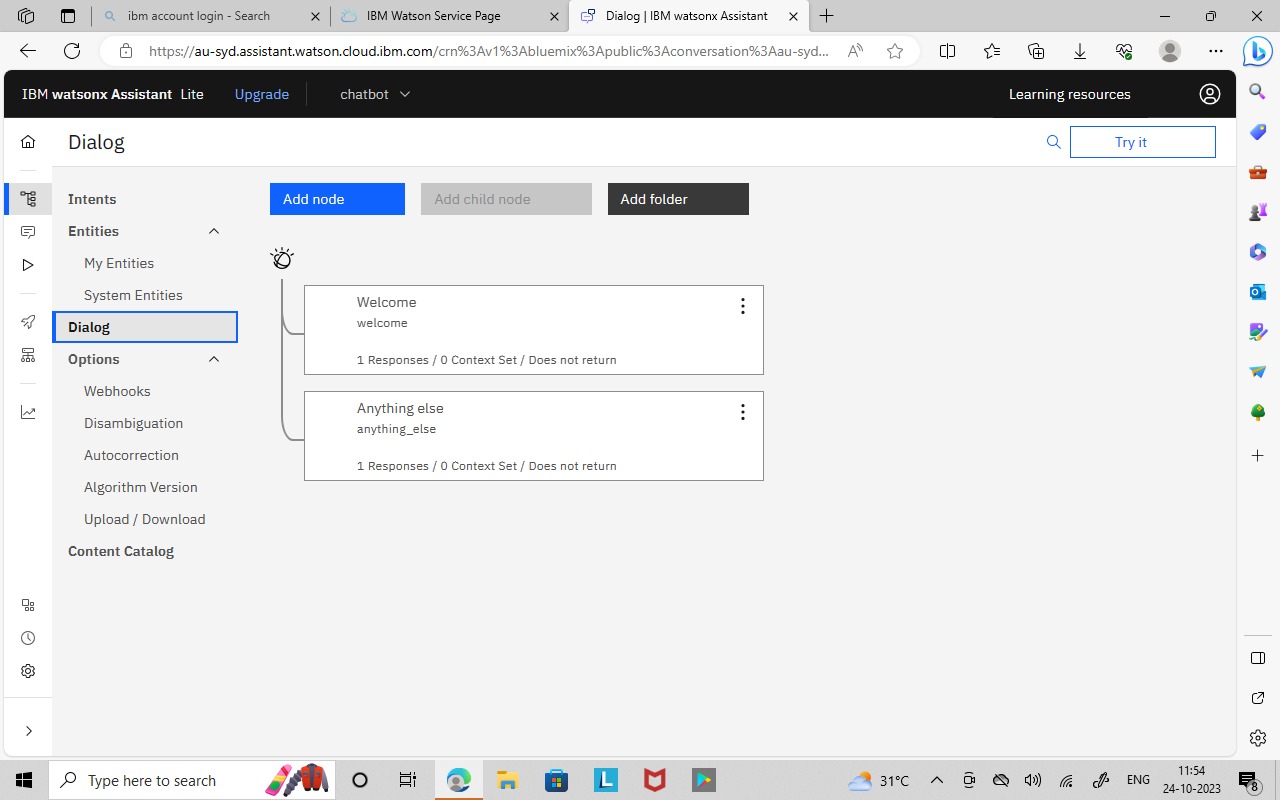


STEP 2 -- @Name Entities is created with some values such as Javid,Sameeha,Moufi,Jisra,Raseedha,Shahana.

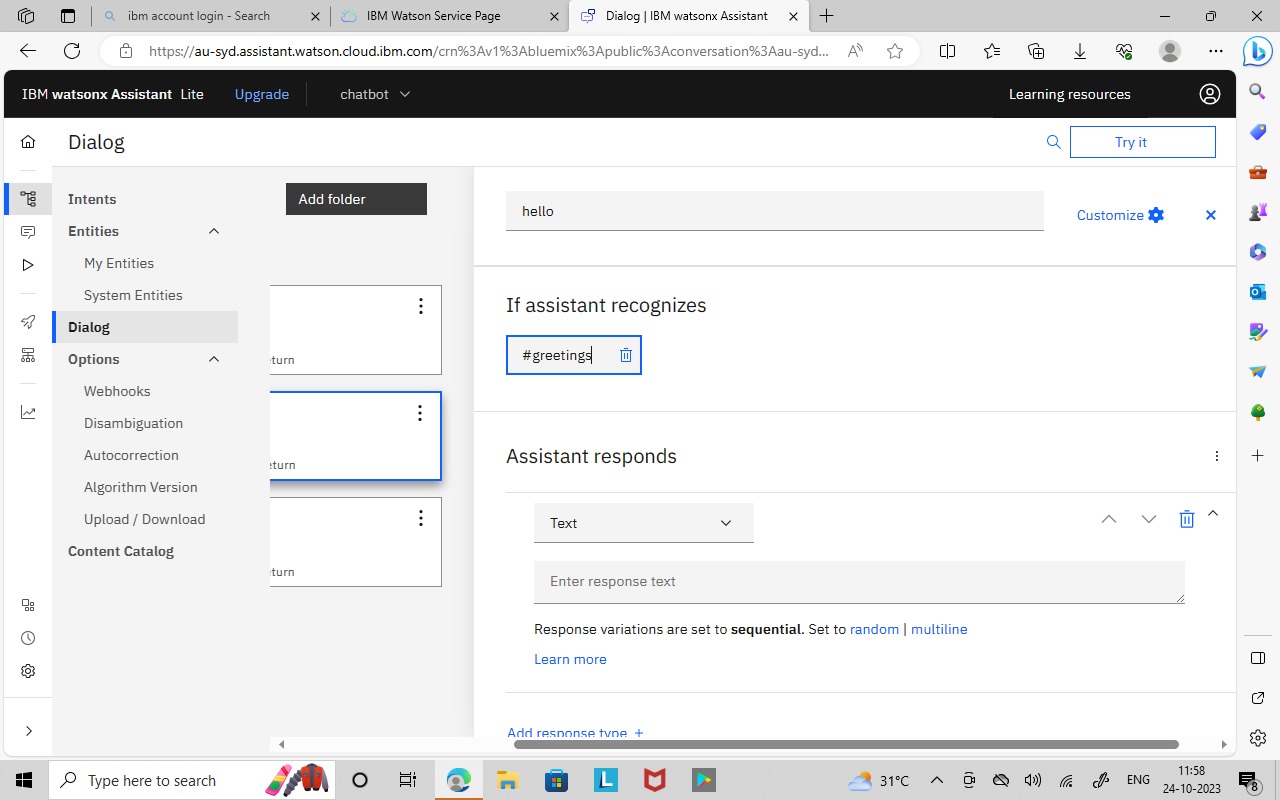


**CREATION OF DIALOG NODES**

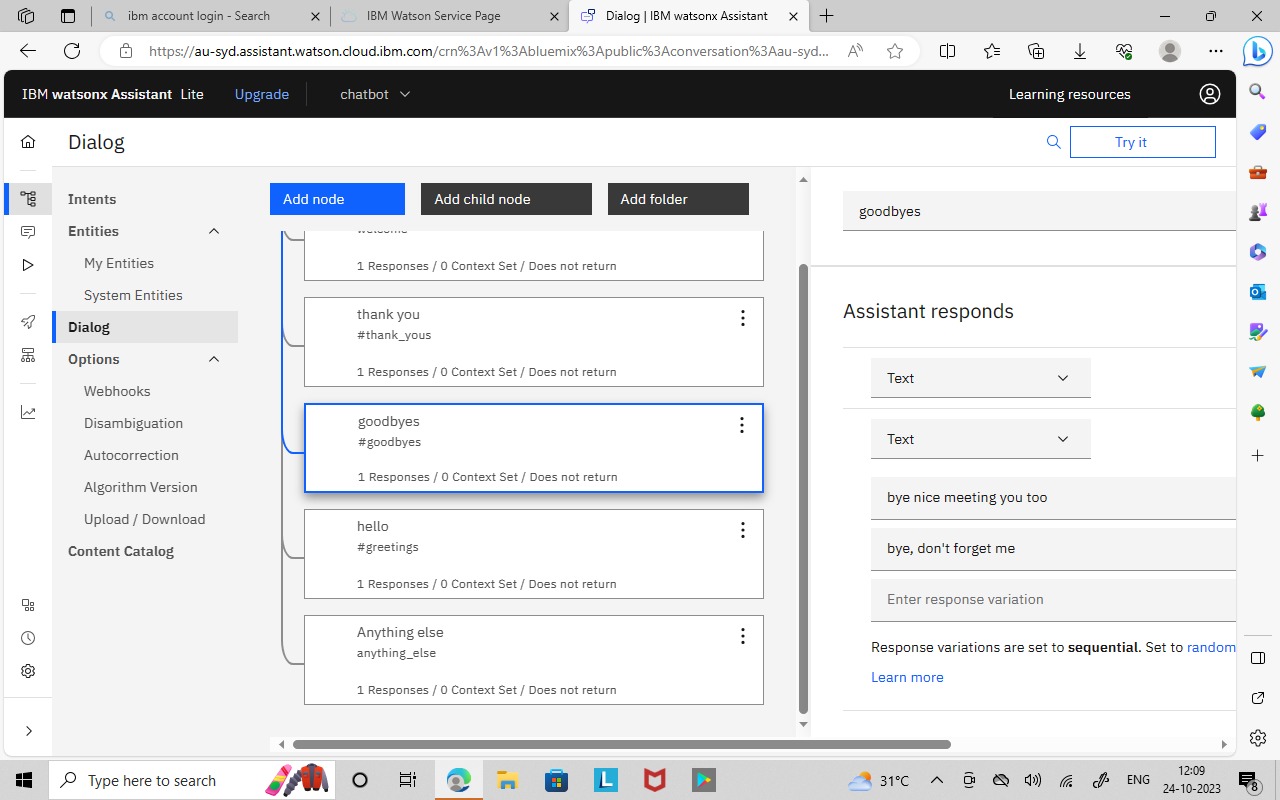
Step 1: Create a Dialog node



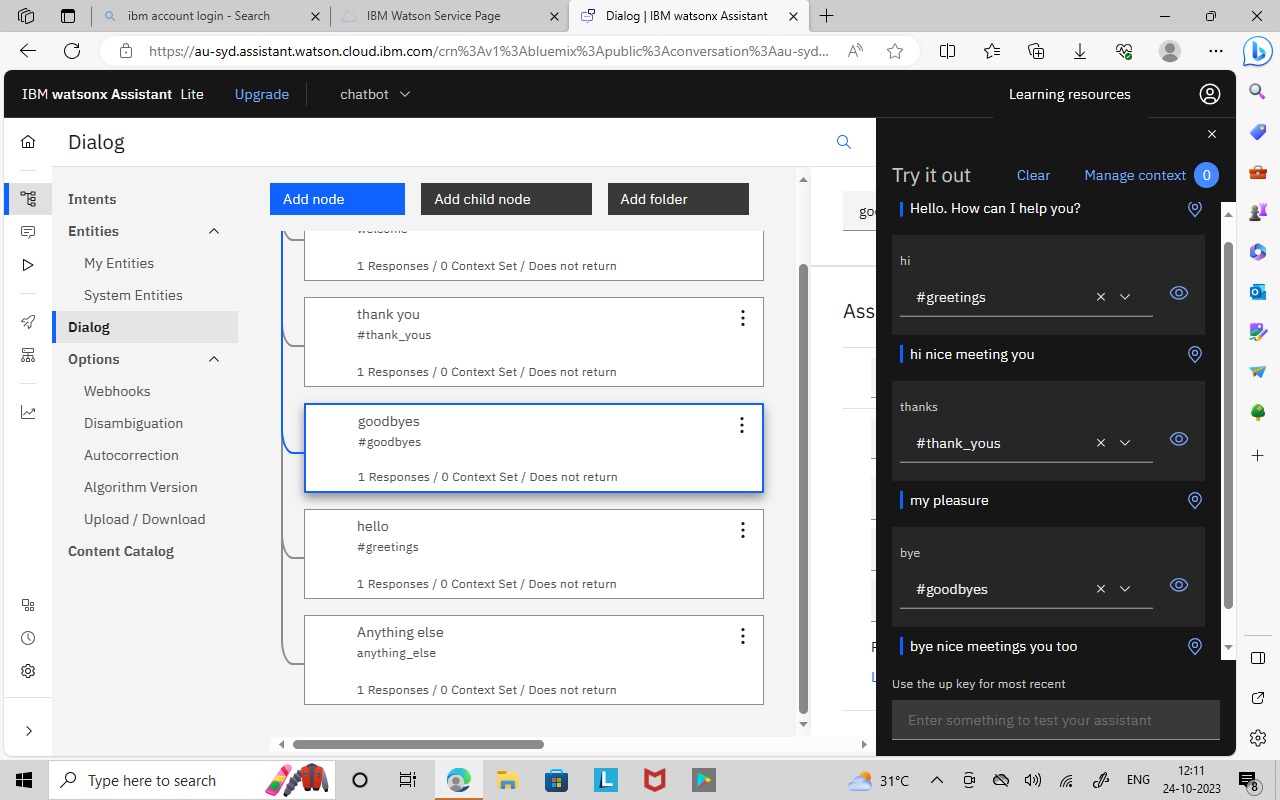
Step 2: hello Dialog node which identifies the #greeting message and replies to it.



Step 3: hello, thank you(#thank\_yours) and goodbyes(#goodbyes) Dialog node is created.



Step 4: Dialog nodes are tested using the Try it option which is shown in below image.



**Conclusion:**

Configure intents, entities, and dialog nodes in Watson Assistant to handle user queries has been created successfully.