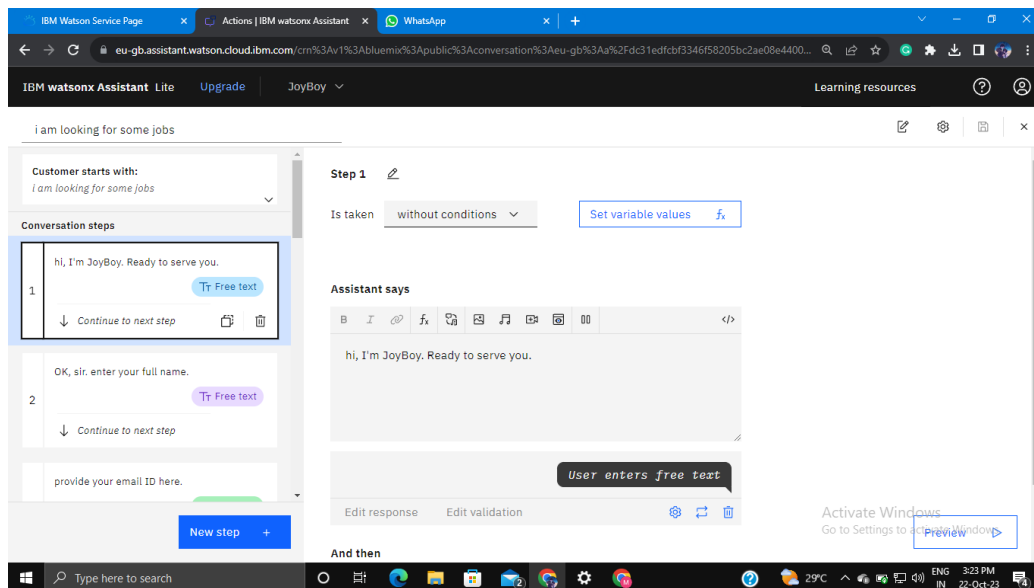


PHASE 4: ChatBot deployment with IBM Cloud Watson Assistant

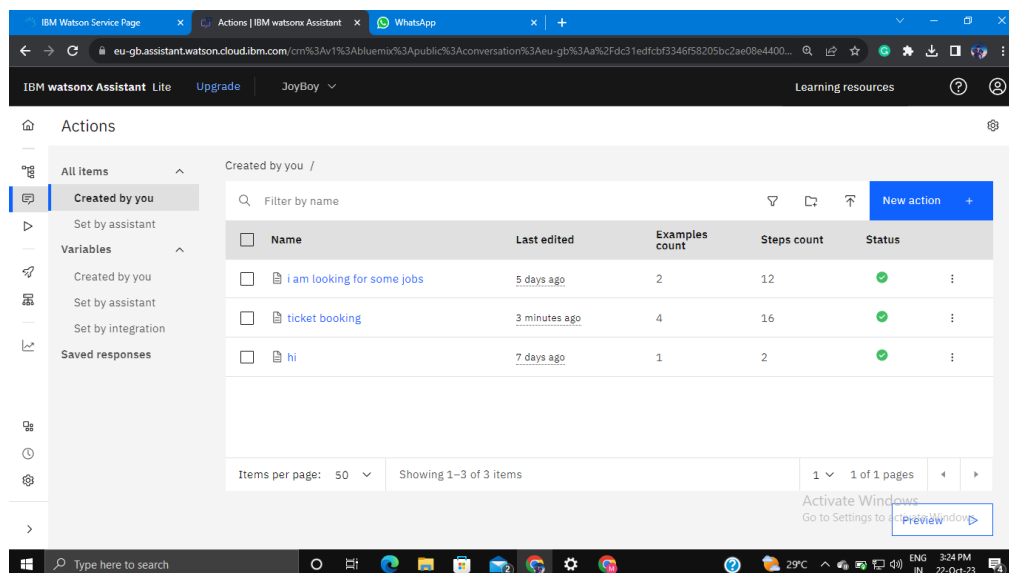
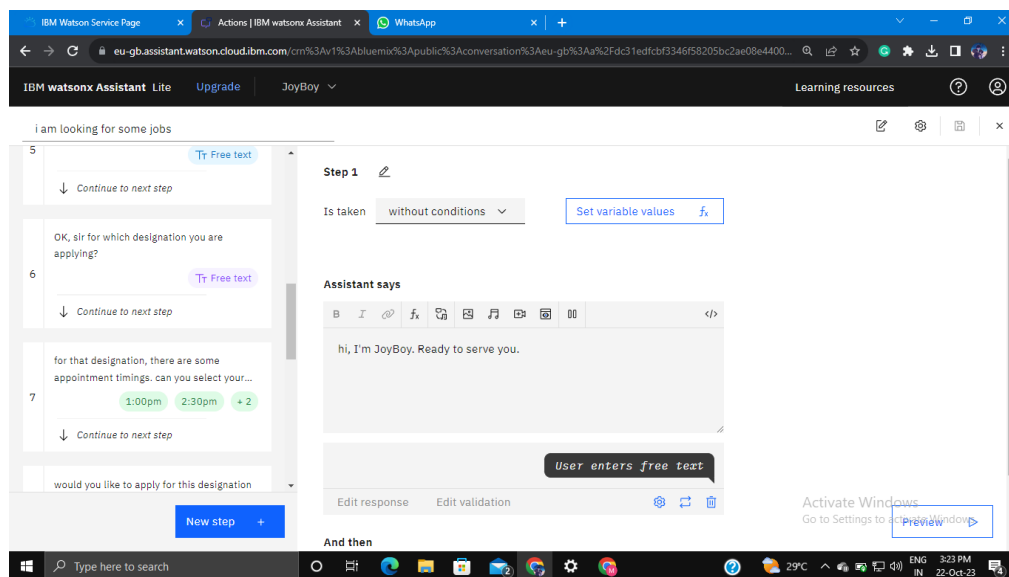
In my phase 3 project a basic chatbot has been created using IBM Cloud Watson Assistant. And it has only basic commands which have been integrated into it. But now in my Phase 4 project the chatbot has been developed a step ahead and integrated some Intents and Entities to it. At the first stage of the chatbot project(i.e phase 3), the command which have been integrated in the command and response page will be the only output from the chatbot but now with the help of the intents and entity the chatbot can understand the user input with the words that is given by the user and it will give the desired response.

Let's see it.



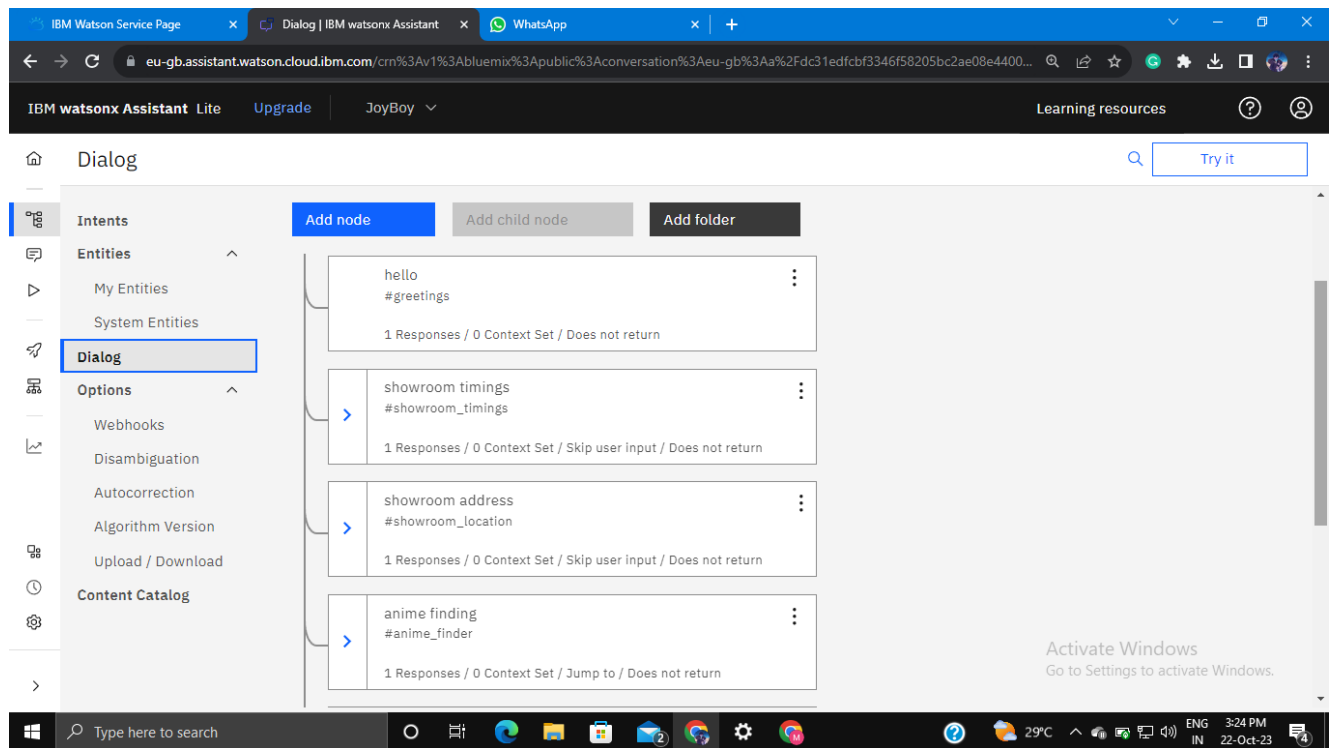
At first we were only able to make the chatbot function by actions. Which is very complicated since the user should give the whole user input then only the bot can understand the command.

The action functions and the user input and the bot responses both should be integrated.

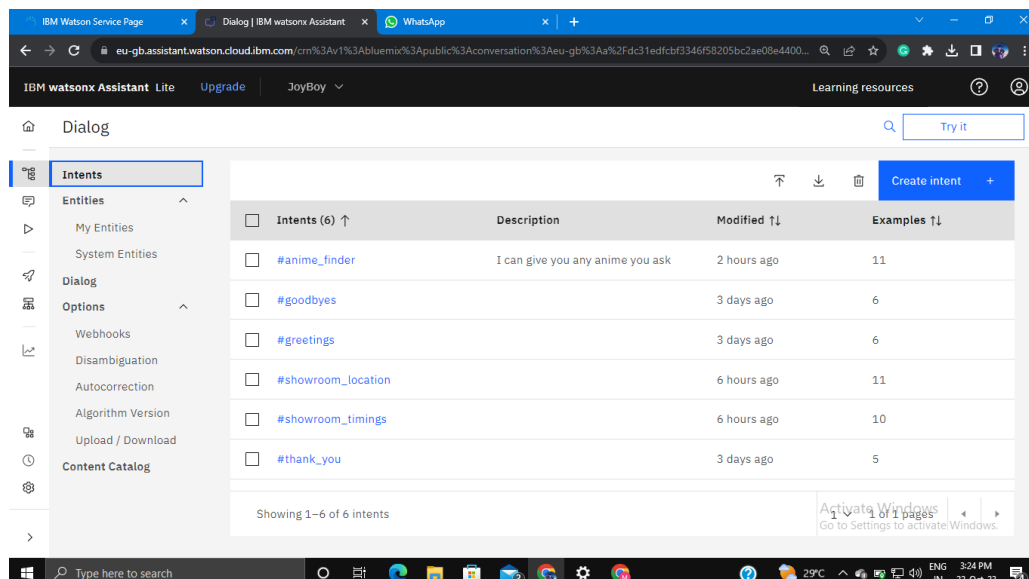


And from phase 4, the chatbot can work faster by understanding the user input with the required words alone. With the Intents and Entities the chatbot doesn't

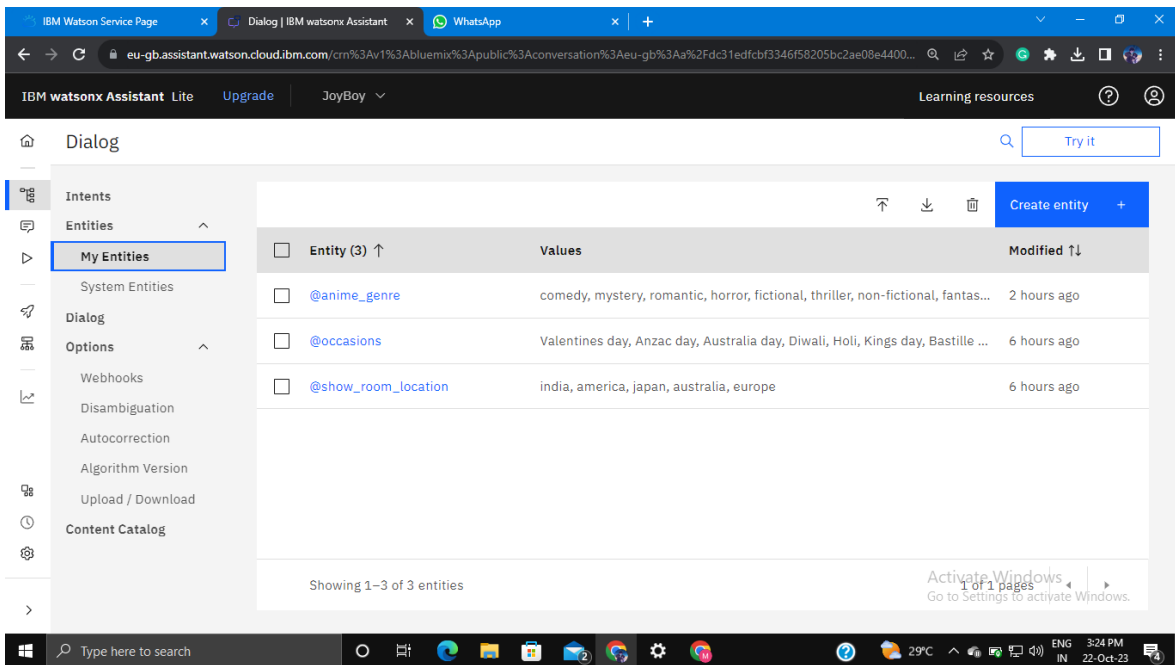
require a full sentence instead the chatbot requires only the required word which is already integrated in the entities and intent. And from the dialog every intent and entity has been integrated with the help of nodes. The work of the node is to integrate the Intent and the Entity.



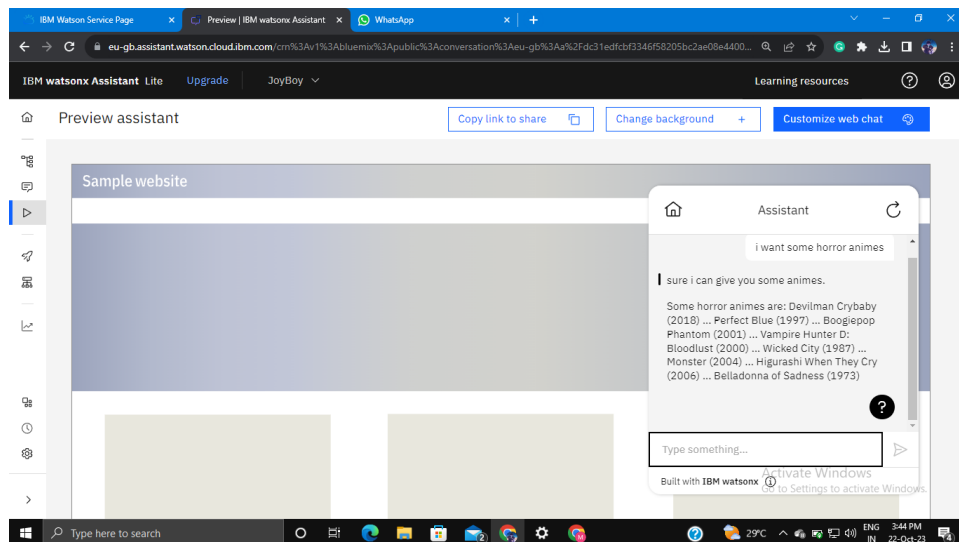
- The Dialog page containing nodes.



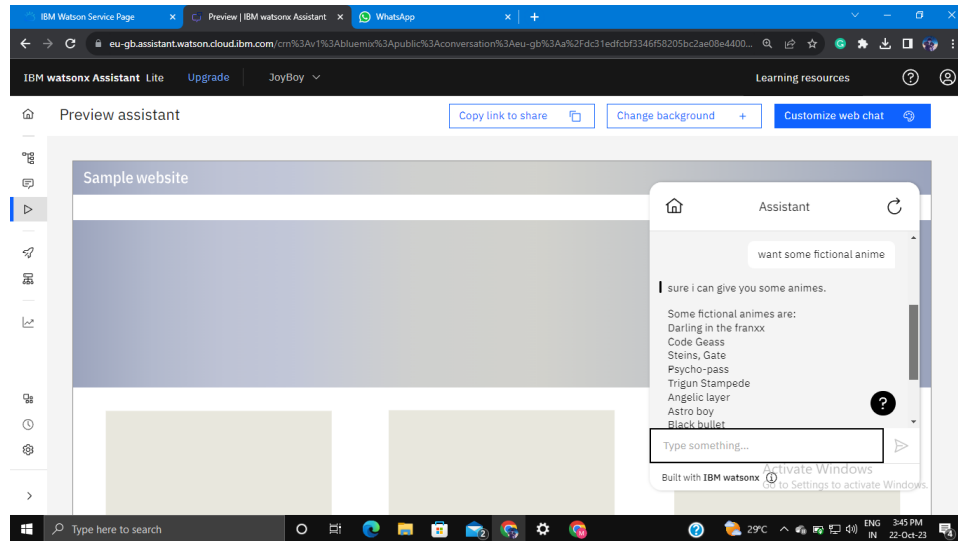
- The Intent page containing Intents.



- The Entity page containing Entities



- The preview page of the ChatBot.



With these images we can see the chatbot responses which are obtained from the Intent and Entity. Therefore the chatbot has been developed ahead.

ChatBot link:

<https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-gb.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-be804cb6-e8e8-4d11-95a9-f0280aad783e%3A%3A5a767323-aa5f-436a-a3ec-cb9ba57d9c69&integrationID=0e28d050-204c-4473-8664-6b9011cd9660®ion=eu-gb&serviceInstanceID=be804cb6-e8e8-4d11-95a9-f0280aad783e>

BY
MANIMARAN.S
B.TECH (IT)