

IBM – CLOUD APPLICATION DEVELOPMENT

CHATBOT USING IBM WATSON ASSISTANT

PHASE-3: DEVELOPMENT PART -1

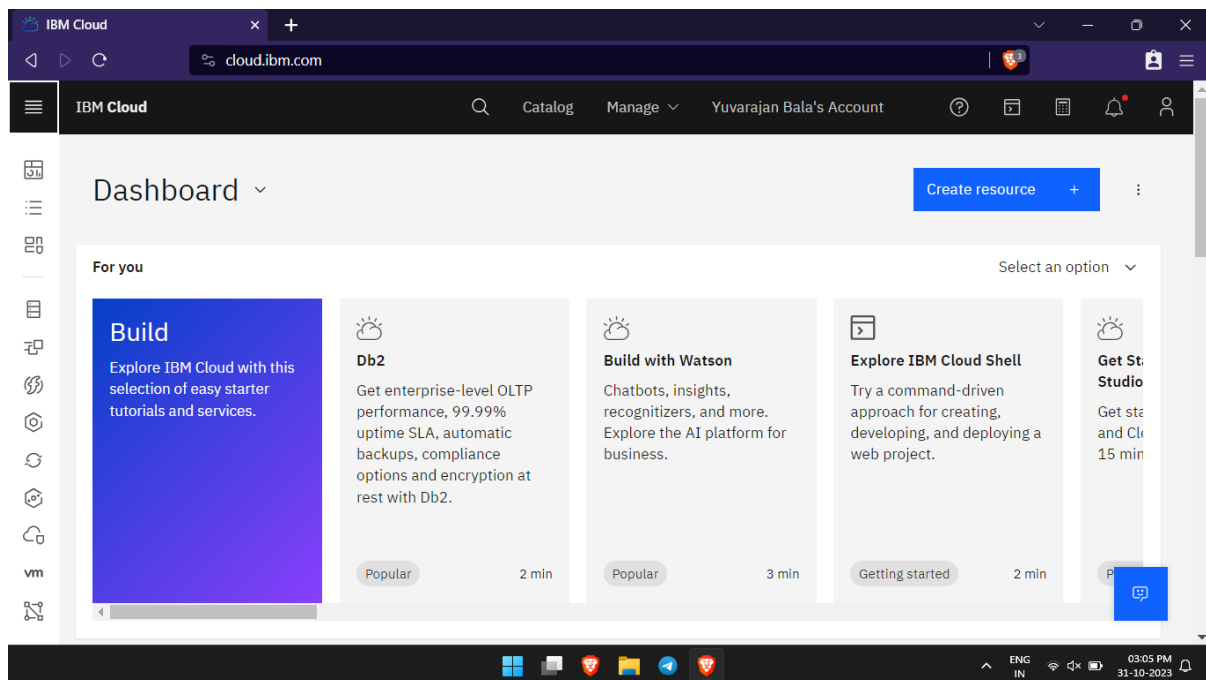
INTRODUCTION:

In Phase 3 of my IBM Watson Assistant chatbot development, I'm implementing intelligent learning and refining responses for personalized interactions. Utilizing advanced machine learning, the chatbot understands user intent, refines dialog flows, and aims for human-like conversations, enhancing user engagement significantly. This phase represents a major advancement, creating a more intuitive and immersive experience for users.

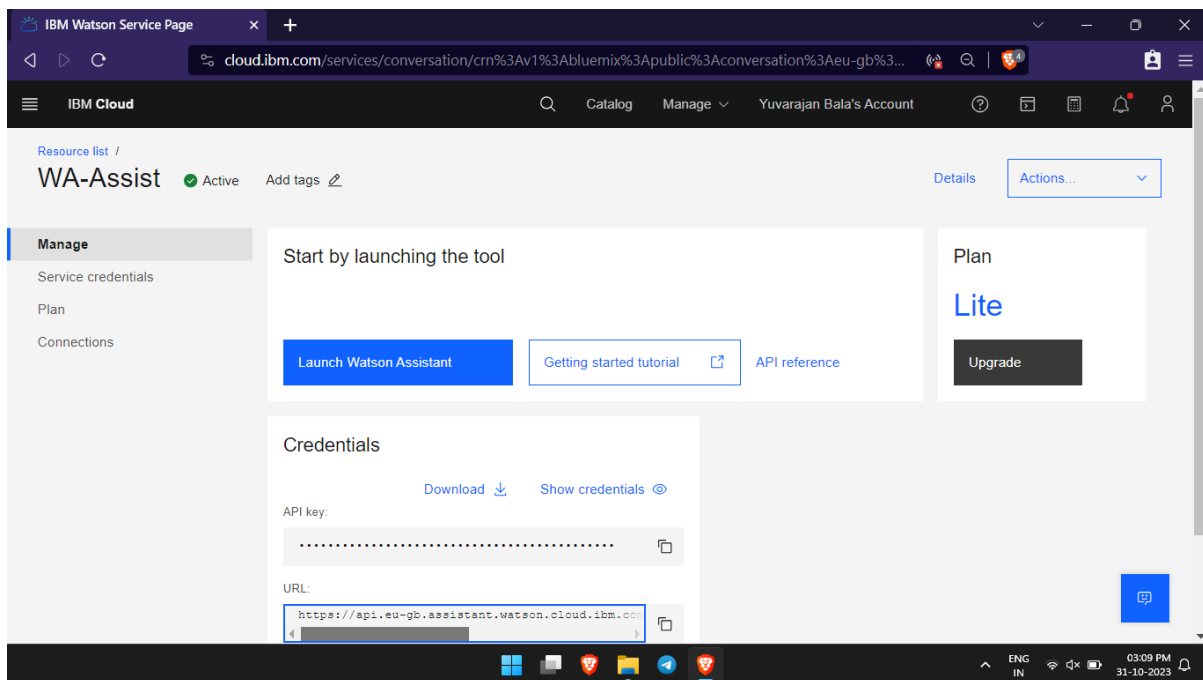
REQUIREMENTS:

IBM CLOUD, WATSON ASSISTANT

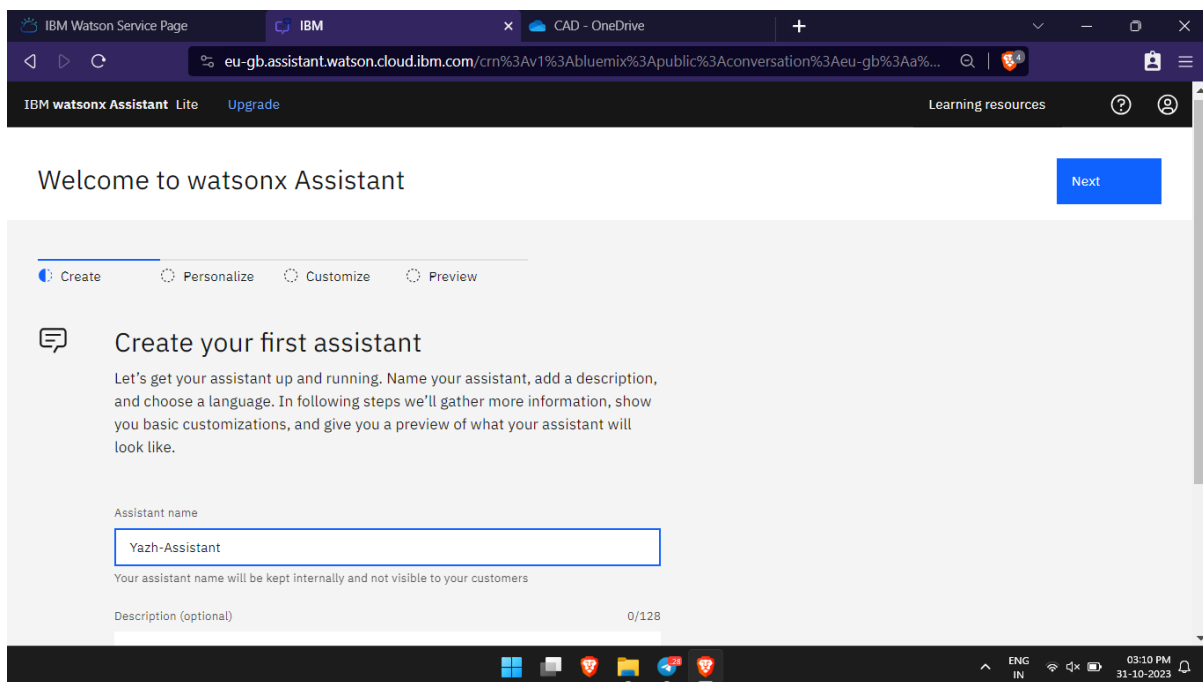
STEP 1: GO TO CLOUD



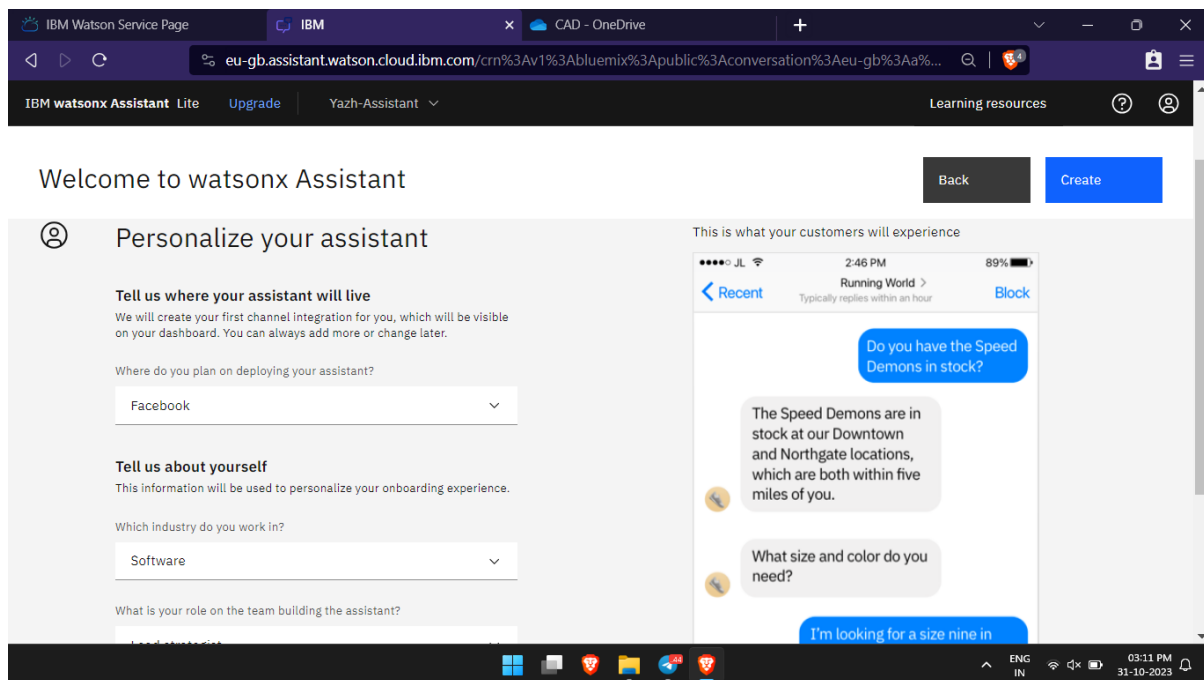
STEP 2: START BY LAUNCHING TOOL



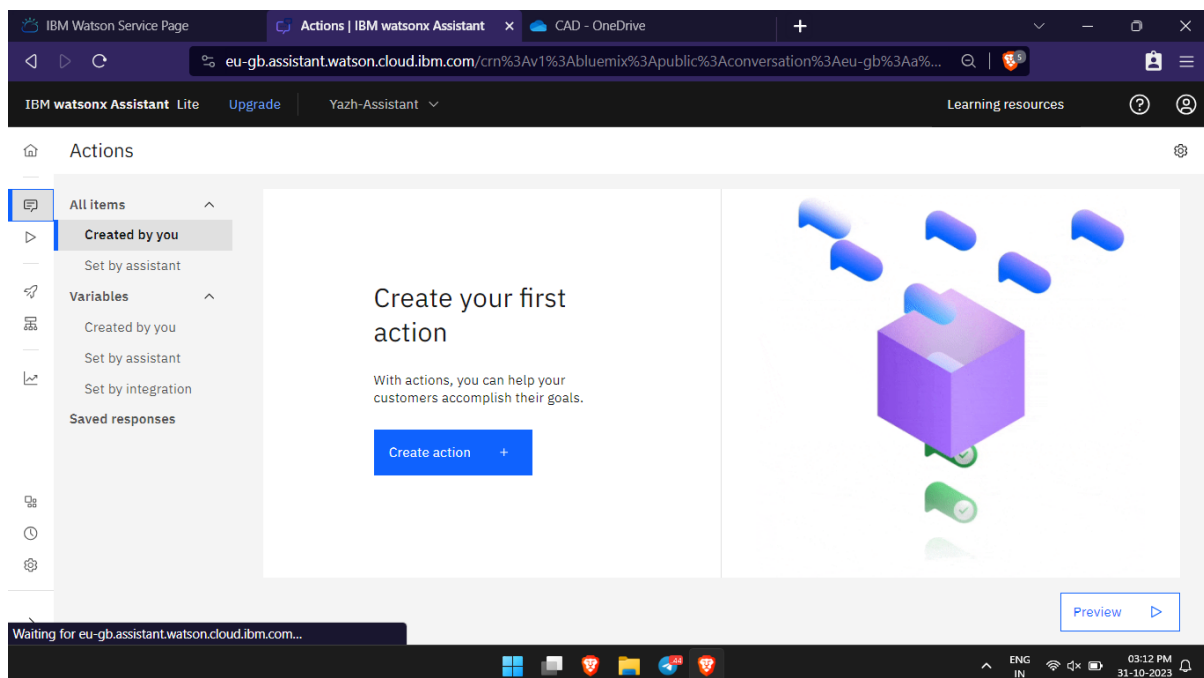
STEP 3: CREATE MY FIRST ASSISTANT



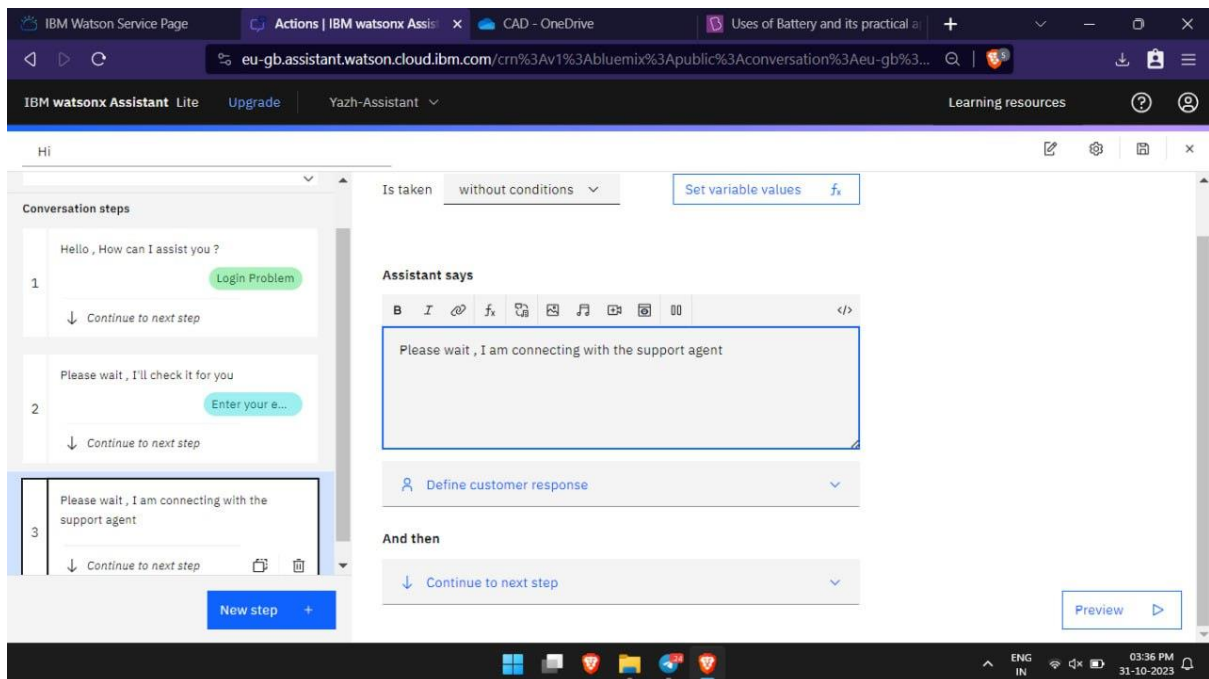
STEP 4: DEFINE PURPOSE OF MY ASSISTANT



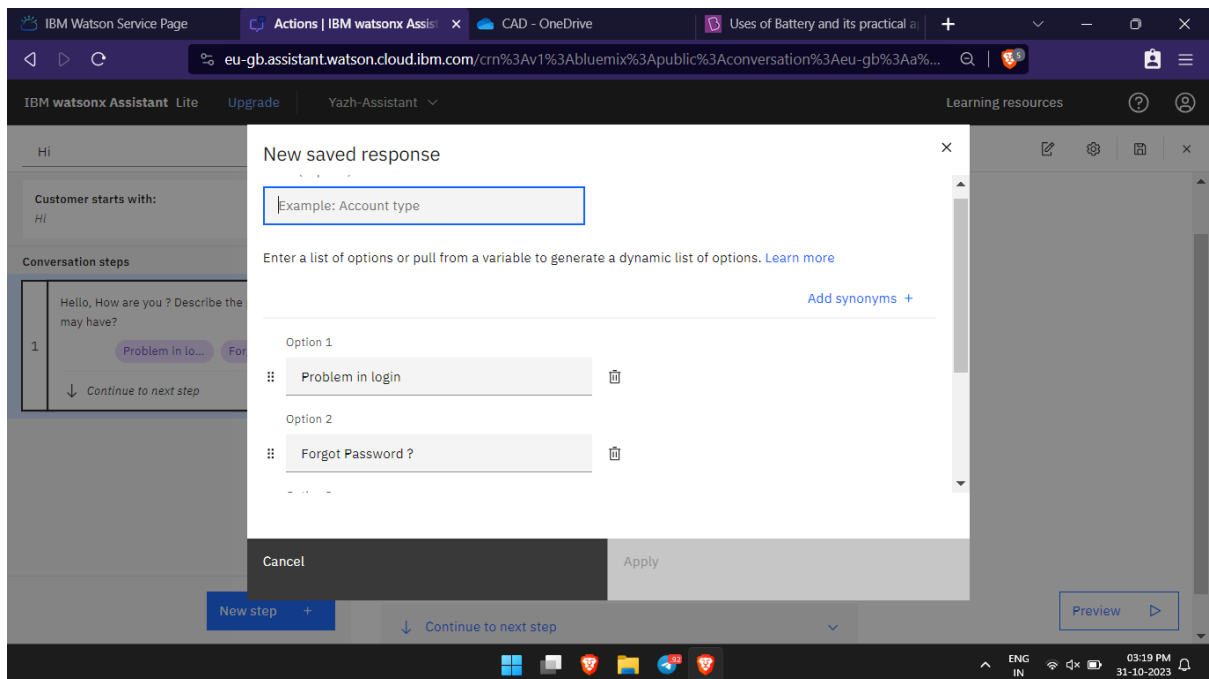
STEP 5: CREATE MY FIRST ACTION



STEP 6: CREATE ACTION



STEP 7: CREATE ACTION WITH OPTIONS



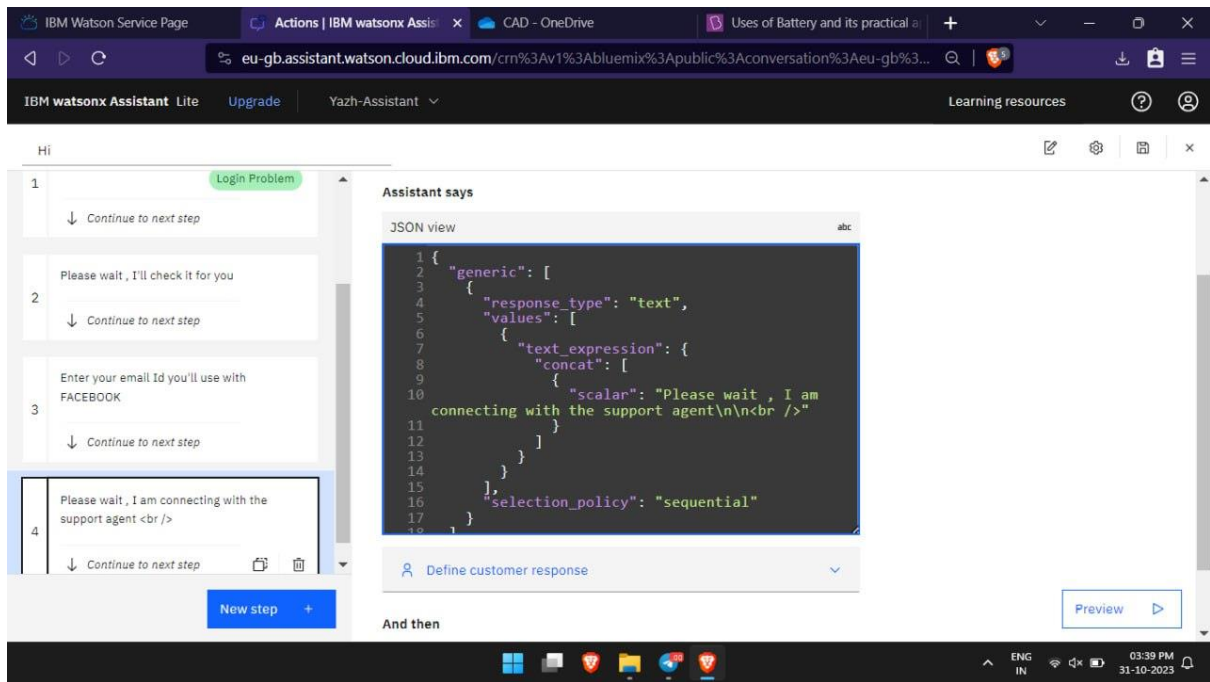
STEP 8: CREATE SOME MORE ACTIONS AND INTENTS

The screenshot shows the IBM Watson Assistant interface. On the left, the 'Conversation steps' panel displays three steps: 1. 'Hello, How can I assist you?' with a 'Login Problem' button; 2. 'Please wait, I'll check it for you'; and 3. 'Enter your email Id you'll use with FACEBOOK'. The third step is selected. On the right, the 'Assistant says' panel shows the JSON response for the selected step:

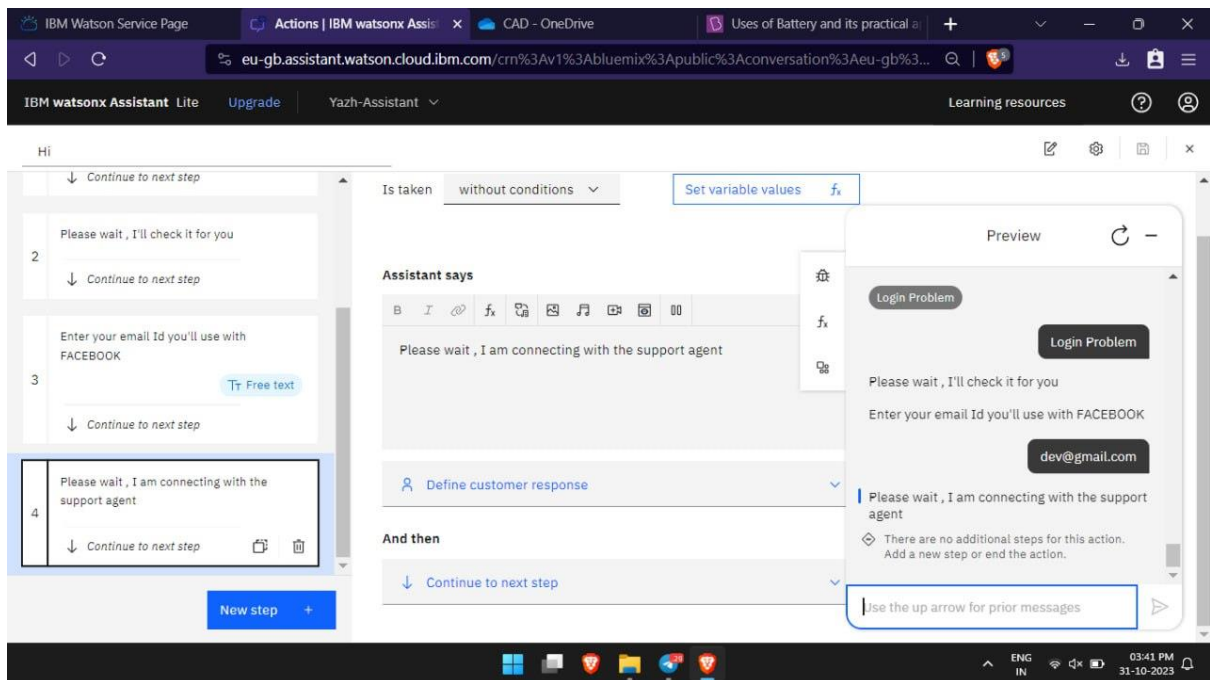
```
2 {  
3   "response_type": "text",  
4   "values": [  
5     {  
6       "text_expression": {  
7         "concat": [  
8           {  
9             "scalar": "Enter your email Id  
10            you'll use with FACEBOOK"  
11          }  
12        ]  
13      }  
14    ]  
15  },  
16  "selection_policy": "sequential"  
17 }  
18 }  
19 }
```

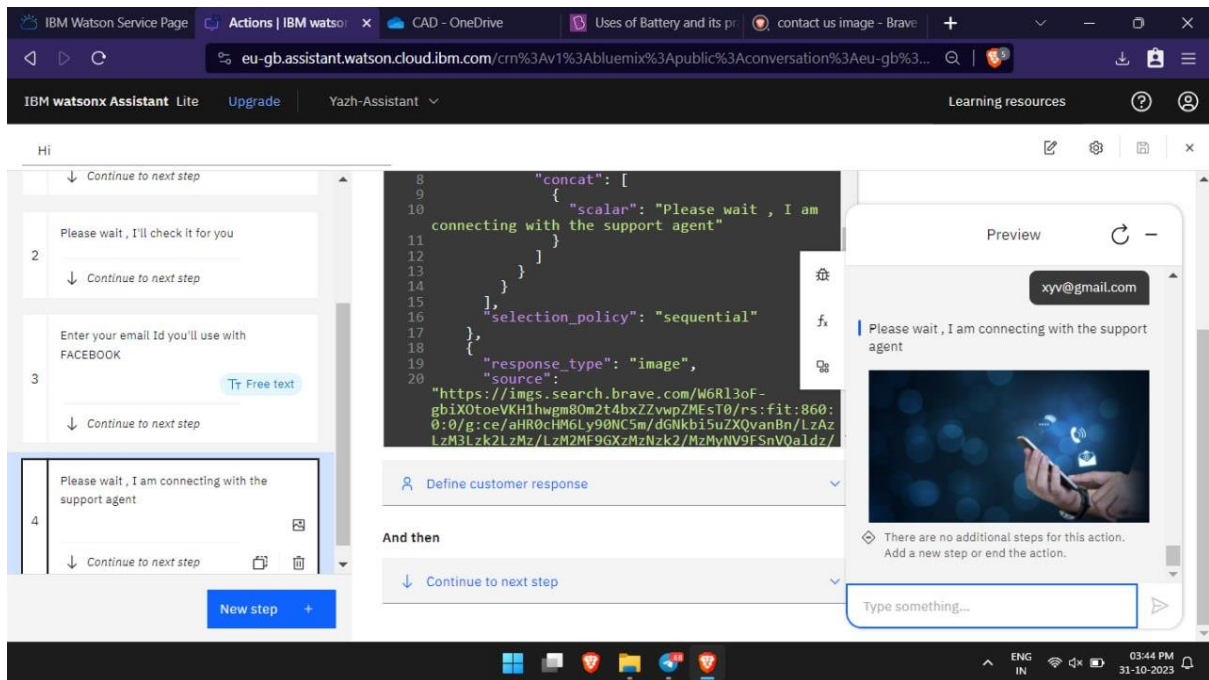
Below the JSON view, there is a 'Define customer response' button and a 'Preview' button.

The screenshot shows the IBM Watson Assistant interface. On the left, the 'Conversation steps' panel displays three steps: 1. 'Hello, How can I assist you?' with a 'Login Problem' button; 2. 'Please wait, I'll check it for you'; and 3. 'Enter your email Id you'll use with FACEBOOK'. The third step is selected. On the right, the 'Assistant says' panel shows the text 'Enter your email Id you'll use with FACEBOOK'. Below this, there is a 'Define customer response' button and an 'And then' section with a 'Continue to next step' button.



STEP 9: PREVIEW





CONCLUSION:

In Phase 3, we harnessed specific intents and examples to create a personalized chatbot, improving user engagement and support on Facebook using IBM Watson assistant.