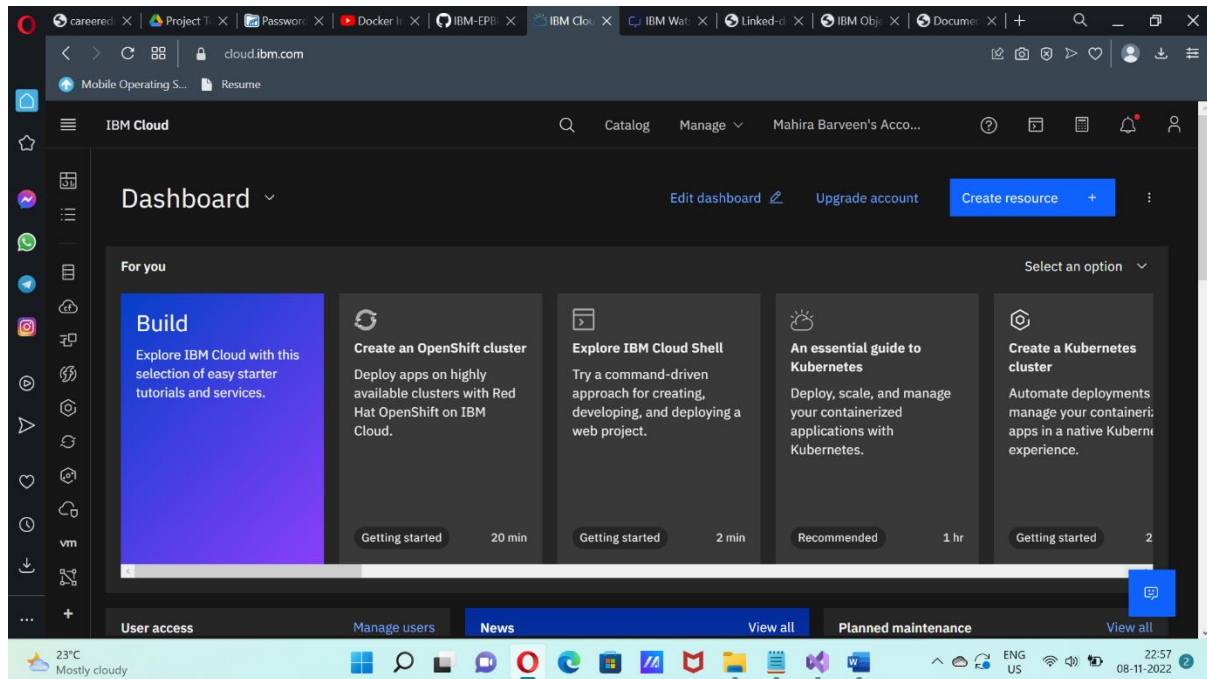


## DEVELOPING A CHATBOT

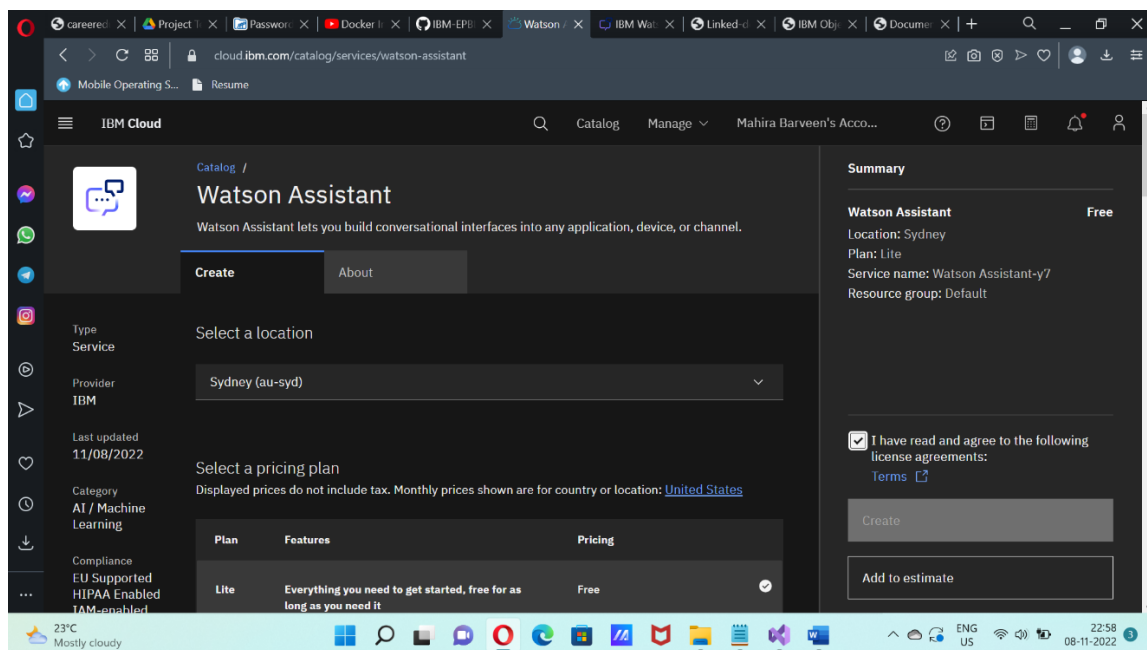
Date	9 November 2022
Team ID	PNT2022MID48213
Project Name	Skills/ Job Recommender Application

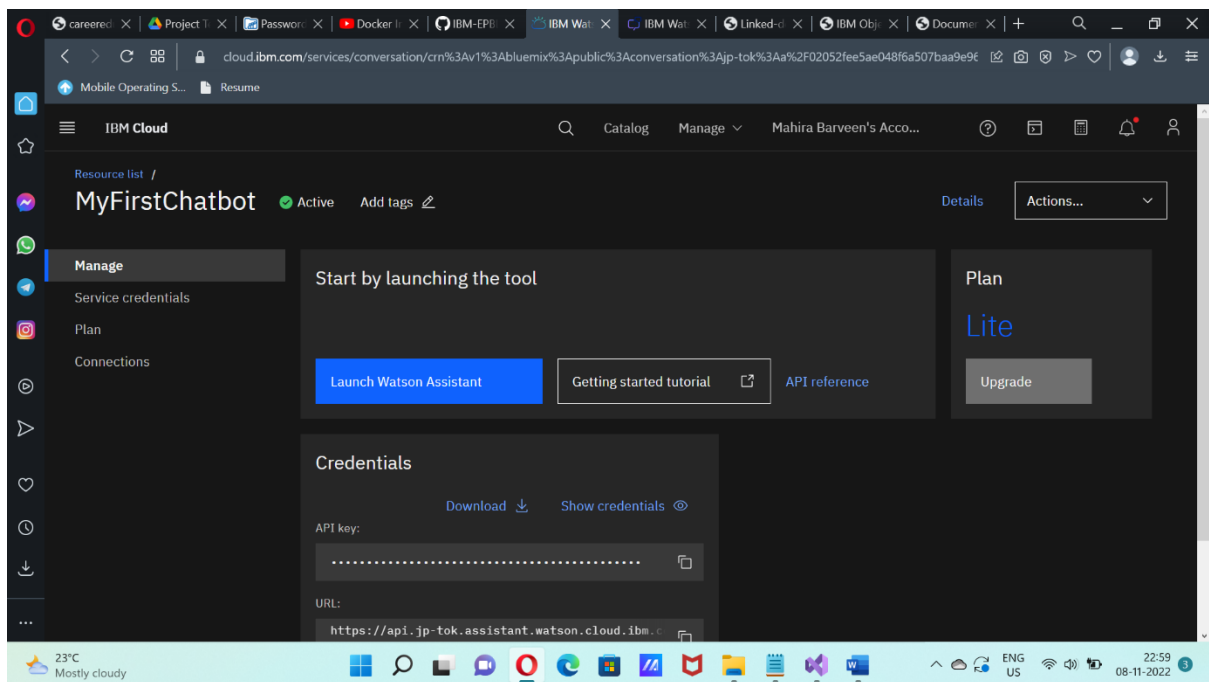
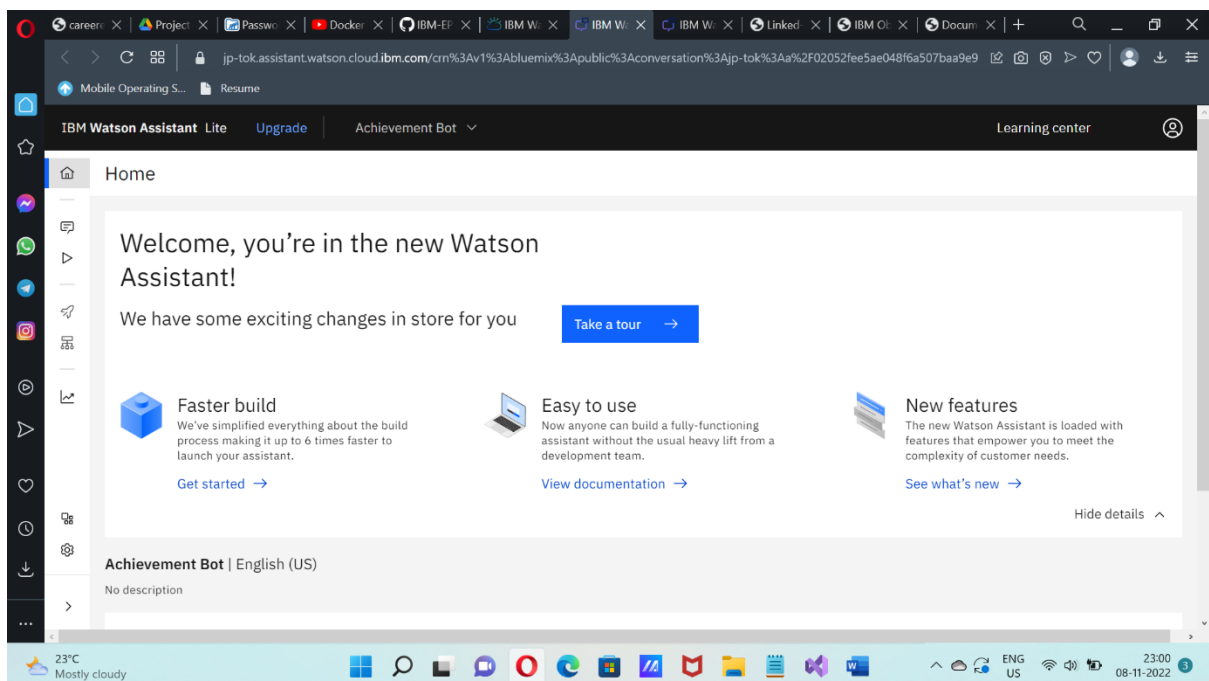
### Build the Chatbot

#### Step 1: Login to IBM Cloud



#### Step 2: Search Watson Assistant



**Step 3: Then Select the Launch Watson Assistant****Step 4: Then Get Started**

**Step 5:** Then create an action and then make some sample conversation.

The top screenshot displays the 'Actions' page in the IBM Watson Assistant Lite interface. A sidebar on the left lists categories: 'Created by you', 'Set by assistant', 'Variables', 'Created by you', 'Set by assistant', 'Set by integration', and 'Saved responses'. The main area features a table of actions:

Name	Last edited	Examples Count	Status
Hello	2 hours ago	1	✓

Below the table, it indicates 'Items per page: 50' and 'Showing 1-1 of 1 actions'. A 'New action +' button is visible in the top right.

The bottom screenshot shows the 'Conversation steps' editor. On the left, a list of steps is shown: 'Hello! How can I help you?' (Step 1), 'Are you Applying for Developer or Manager?' (Step 2), and 'Can you Tell me about your Skills?'. Step 1 is selected. The main editor area shows the configuration for Step 1, including a 'Customer starts with' field containing 'Hello', a 'Step 1 is taken' dropdown set to 'without conditions', and an 'Assistant says' text area containing 'Hello! How can I help you?'. A 'User enters free text' placeholder is also visible.

**Step 6: Then End the Action.**

The screenshot shows the IBM Watson Assistant interface. On the left, a chat flow is visible with steps 5, 6, and 7. Step 7 is highlighted, showing a 'Free text' input and an 'Action complete' status. On the right, a 'User enters free text' message is shown. Below this, a 'And then' section lists several actions, with 'End the action' selected. The 'End the action' description reads: 'Make this a final step that completes the action.'

**Step 7: Embed the code.**

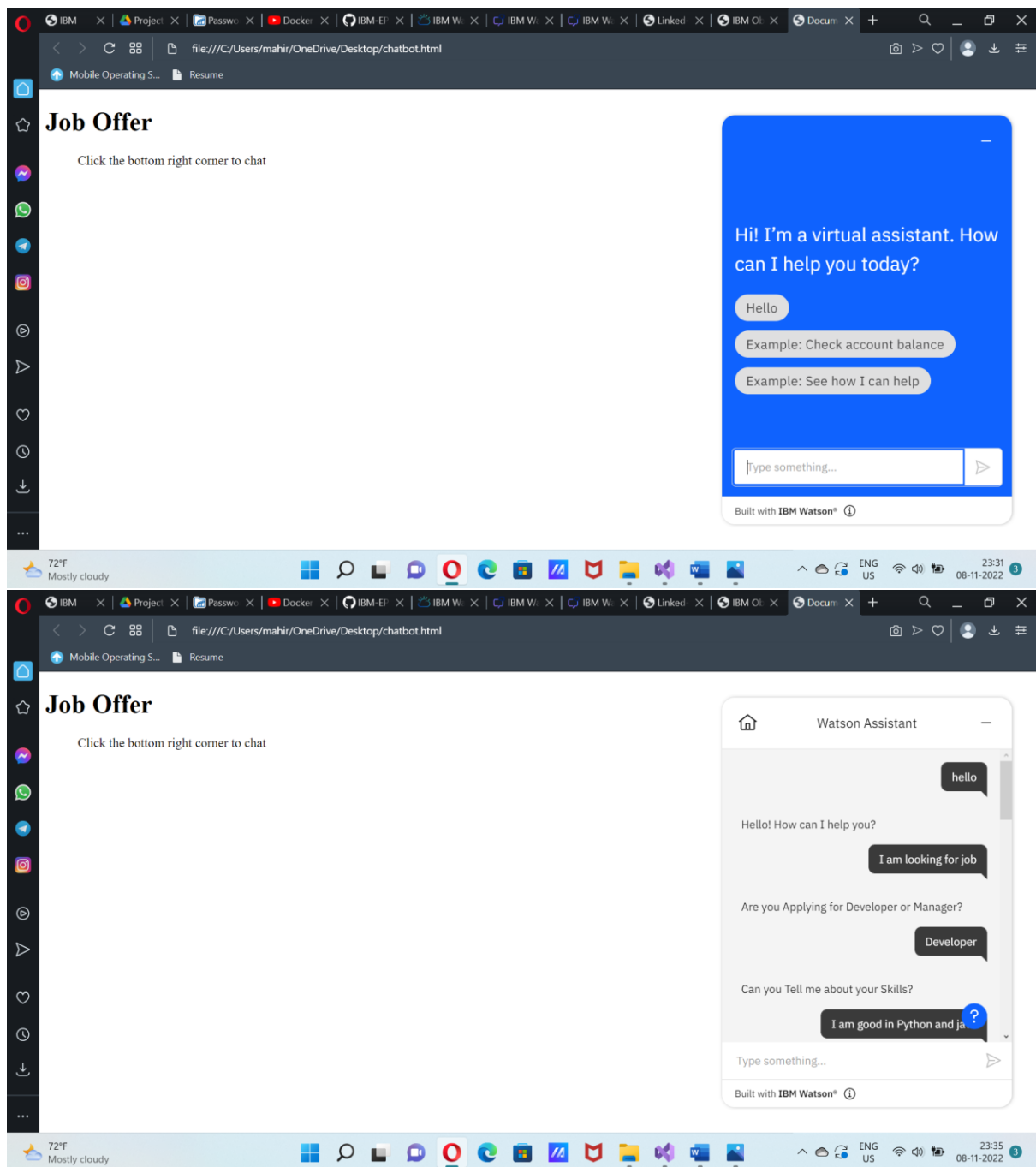
The screenshot shows the IBM Watson Assistant interface with the 'Embed' tab selected. The 'Web chat' section is in 'Draft' mode. Below the tabs, a code block is displayed for embedding the chat on a website. The code is as follows:

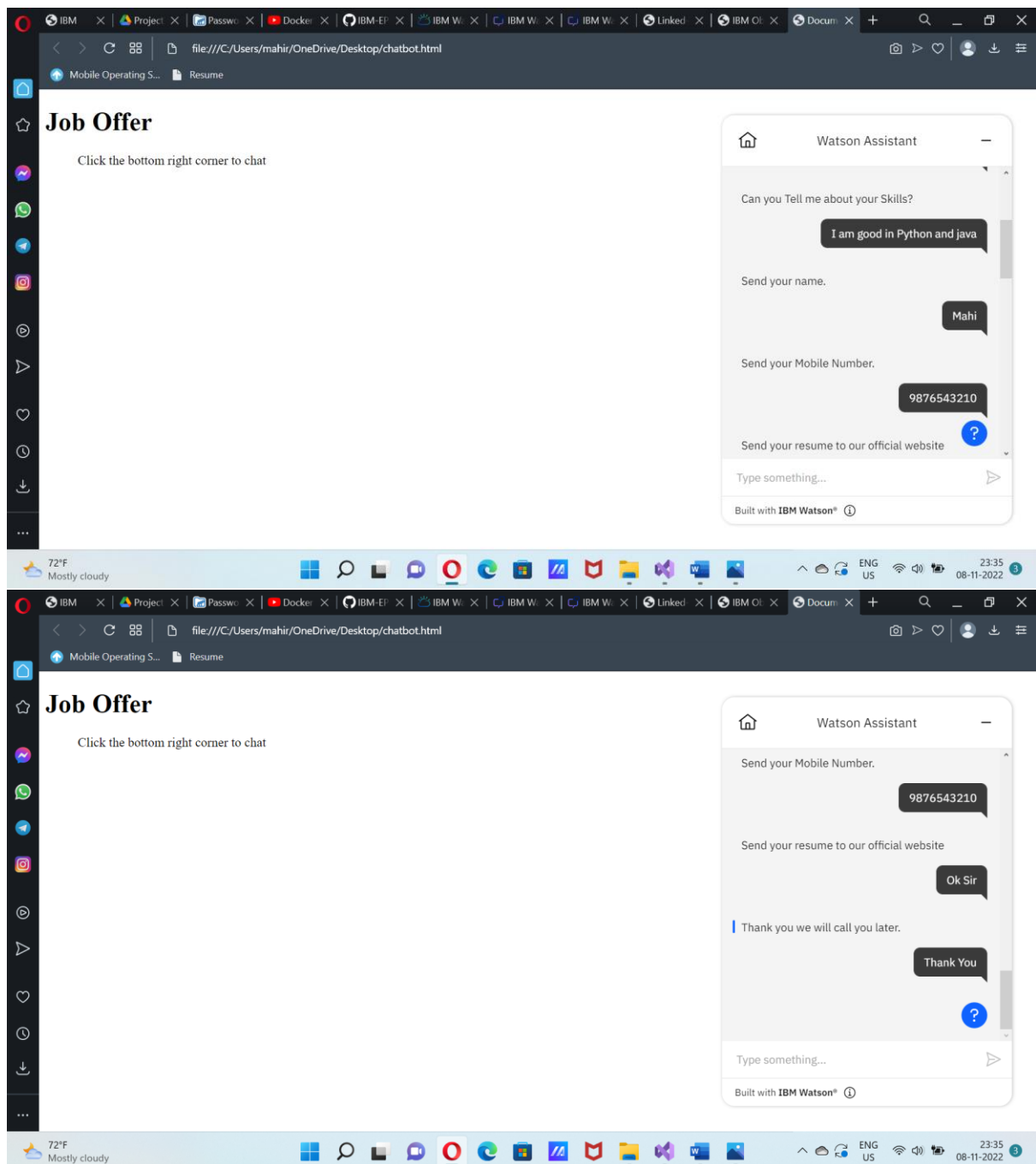
```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "233cca96-da63-43e2-834f-7c56853ab8b4", // The ID of this integration.
  region: "jp-tok", // The region your integration is hosted in.
  serviceInstanceID: "43752fcc-0020-4425-ae87-127497c2f400", // The ID of your service instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions ? window.watsonAssistantChatOptions.integrationID : undefined) + ".js";
  document.head.appendChild(t);
});
</script>
```

**INTEGRATING CHATBOT TO HTML PAGE**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>JOB RECOMMENDER</title>
</head>
<body>
  <h1>Job Offer</h1>
  <blockquote>Click the bottom right corner to
chat</blockquote>
  <script>
    window.watsonAssistantChatOptions = {
      integrationID: "233cca96-da63-43e2-834f-
7c56853ab8b4", // The ID of this integration.
      region: "jp-tok", // The region your integration is
hosted in.
      serviceInstanceID: "43752fcc-0020-4425-ae87-
127497c2f400", // The ID of your service instance.
      onLoad: function (instance) { instance.render(); }
    };
    setTimeout(function () {
      const t = document.createElement('script');
      t.src = "https://web-
chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') +
"/WatsonAssistantChatEntry.js";
      document.head.appendChild(t);
    });
  </script>
</body>
</html>
```

## PREVIEW OF CHATBOT





The Chatbot is created and integrated successfully.