

SPRINT - 2

Team ID	PNT2022TMID29760
Project Name	Project - SMART FASHION RECOMMENDER APPLICATION

SENDGRID INTEGRATION WITH PYTHON CODE:

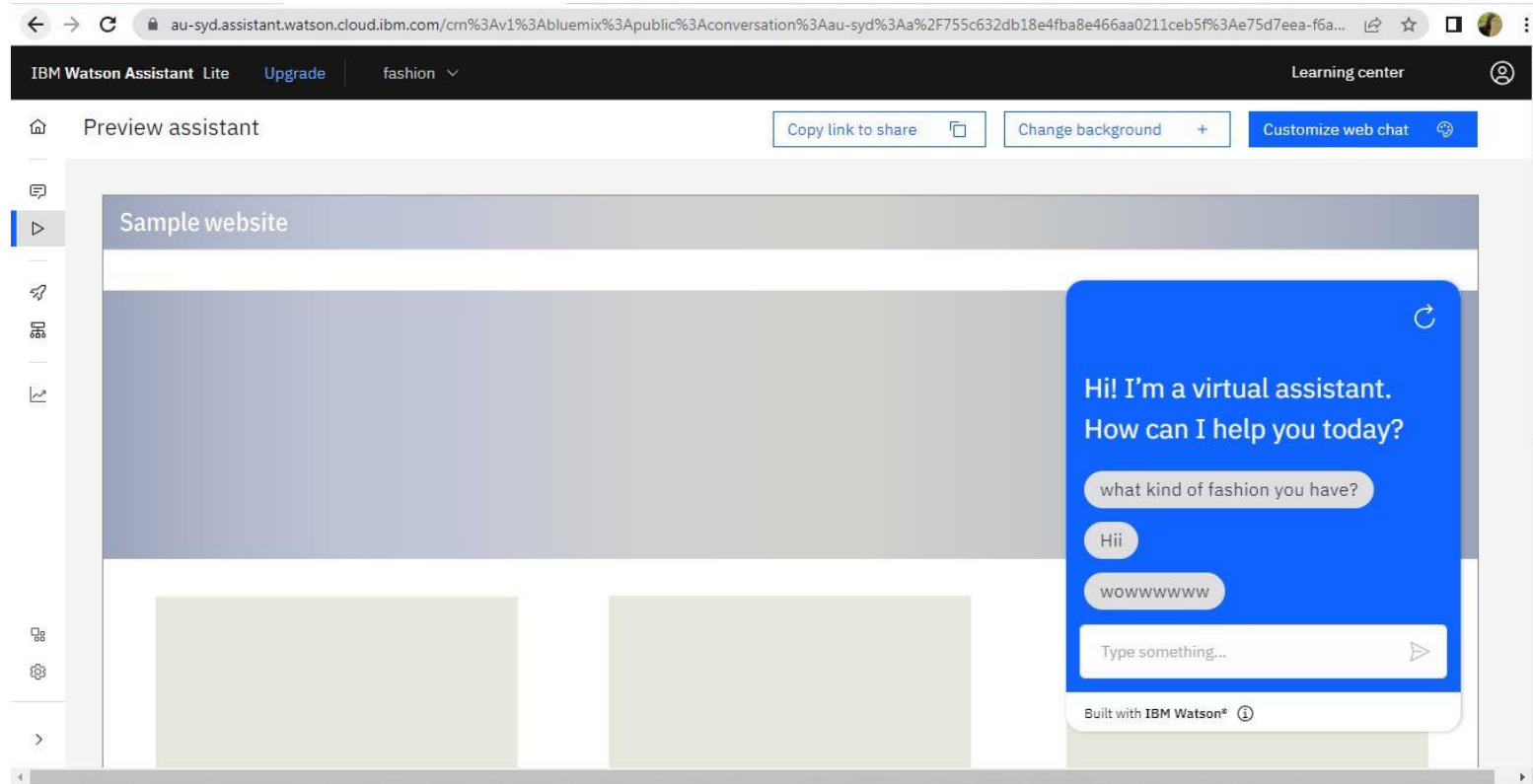
```
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
message = Mail(from_email='hariharan.19cs036@nandhaengg.org',
               to_emails='nitharshna2002@gmail.com',
               subject='Sending with Twilio Sendgrid is Fun',
               html_content='<strong>and easy to do anywhere, even with Python</strong>')
try:
    sg = SendGridAPIClient('SG.JPwiG88qRRWBza_ZMYj2Dw.-
Tf4Cpij2PG4fClmnxF5gNM9Ay01qqNOISKNLtJwvmU')
    response = sg.send(message)
    print(response.status_code)
    print(response.body)
    print(response.headers)
except Exception as e:
    print(e.message)
```

BUILDING A CHATBOT:

The screenshot displays the IBM Watson Assistant interface, specifically the 'Actions' section. The browser address bar shows a URL related to the assistant's configuration. The top navigation bar includes 'IBM Watson Assistant Lite', an 'Upgrade' button, a dropdown menu set to 'fashion', and a 'Learning center' link. The left sidebar contains icons for 'Actions', 'Variables', and 'Saved responses'. The main content area features a table of actions created by the user. The table has columns for 'Name', 'Last edited', 'Examples Count', and 'Status'. Five actions are listed: 'what kind of fashion you have?' (2 days ago, 1 example), 'do you have kids fashion?' (a day ago, 2 examples), 'do you have men's fashion?' (a day ago, 2 examples), 'wowwwwww' (2 days ago, 4 examples), and 'Hii' (2 days ago, 2 examples). A 'New action' button is located in the top right corner of the table. At the bottom of the table, there is a pagination bar showing 'Items per page: 50', 'Showing 1–5 of 5 actions', and a 'Preview' button.

Name	Last edited	Examples Count	Status
what kind of fashion you have?	2 days ago	1	✓
do you have kids fashion?	a day ago	2	✓
do you have men's fashion?	a day ago	2	✓
wowwwwww	2 days ago	4	✓
Hii	2 days ago	2	✓

Web Page for Chat Bot



Watson Assistant Service

The screenshot shows the 'Customize your chat UI' interface for a Watson Assistant. The browser address bar shows a URL from 'au-syd.assistant.watson.cloud.ibm.com'. The top navigation bar includes 'IBM Watson Assistant Lite', an 'Upgrade' button, a 'fashion' dropdown menu, a 'Learning center' link, and a user profile icon. The main content area is titled 'Web chat' with a 'Draft' status. It features a 'Close' button and a 'Save and exit' button. The 'Customize your chat UI' section includes a description: 'Update the style to match your brand and your website. A developer can also add more advanced styling changes with code. [Learn more](#)'. Below this, there are settings for the assistant's name ('Watson Assistant'), primary color ('#FFFFFF'), secondary color ('#3D3D3D'), chat header, user message bubble, accent color ('#0354E9'), and a toggle for 'IBM Watermark' (set to 'On'). A 'Restart conversation' button is also present. On the right, a preview of the chat UI is shown with a blue background and a white text box containing the message: 'Hi! I'm a virtual assistant. How can I help you today?'. Below the message are three input bubbles: 'what kind of fashion you have?', 'Hii', and 'wowwwwww'.

Web chat Draft Close Save and exit

Customize your chat UI

Update the style to match your brand and your website. A developer can also add more advanced styling changes with code. [Learn more](#)

Assistant's name as known by customers

Watson Assistant

Primary color #FFFFFF Secondary color #3D3D3D

Chat header User message bubble

Accent color #0354E9

Significant and interactive objects

IBM Watermark Plus

Displays a link to the Watson Assistant website

☒ On

Restart conversation

Hi! I'm a virtual assistant.
How can I help you today?

what kind of fashion you have?

Hii

wowwwwww

Chatbot cmt

← → ↺ au-syd.assistant.watson.cloud.ibm.com/cn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aau-syd%3Aa%2F755c632db18e4fba8e466aa0211ceb5f%3Ae75d7eea-f6a... ☆ □ 🌐 ⋮

IBM Watson Assistant Lite Upgrade fashion ▾ Learning center 👤

do you have kids fashion? ✎ ⚙ 📄 ✕

do you have kids fashion?

3 total steps 0 end steps ⓘ 0 re-ask steps ⓘ

Conversation steps

1

Let's go our kids fashion

↓ Continue to next step

2

https://smartfashion-recommenders.s3.jp-tok.cloud-object-storage.appdomain.cloud/BAB...

↓ Continue to next step

3

This step has no content

↓ Continue to next step 📄 🗑

New step +

Step 3 is taken without conditions ▾ fx

Assistant says

B *I* 🔗 🔍 📄 🎵 📺 📺 </>

For example; Please select from the following options:

👤 Define customer response ▾

And then

↓ Continue to next step ▾

Preview ▶

Chat Bot Address

The screenshot shows the IBM Watson Assistant web interface. At the top, the browser address bar displays a long URL. Below it, a dark navigation bar contains the text 'IBM Watson Assistant Lite', an 'Upgrade' button, a dropdown menu set to 'fashion', and a 'Learning center' link with a user icon. The main content area has a 'Web chat' header with a 'Draft' badge, a 'Close' button, and a 'Save and exit' button. A horizontal menu below the header includes tabs for 'Style', 'Launcher', 'Home screen', 'Live agent', 'Suggestions', 'Security', 'Embed' (which is selected), and 'Resources'. The 'Embed' tab displays the heading '</> Embed on your website' followed by the text 'Ready to launch? It's as easy as copy and paste. [Learn more](#)'. Below this is a code block containing JavaScript code for embedding the chat. The code includes comments for integration ID, region, and service instance ID, and a function to render the chat instance. A 'Show more' link is at the bottom right of the code block.

au-syd.assistant.watson.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aau-syd%3Aa%2F755c632db18e4fba8e466aa0211ceb5f%3Ae75d7eea-f6a...

IBM Watson Assistant Lite Upgrade fashion Learning center

Web chat Draft Close Save and exit

Style Launcher Home screen Live agent Suggestions Security Embed Resources >

</> Embed on your website
Ready to launch? It's as easy as copy and paste. [Learn more](#)

```
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "31a007c7-aa05-4eb0-9c20-1396f0340b92", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "e75d7eea-f6a5-4958-a746-37899c9f3586", // 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 ?
    document.head.appendChild(t);
  });
</script>
```

Show more

Home Page with Bot

