SPRINT – 3

Date	5 Nov 2022
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Project Name	Smart Fashion Recommender Application
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SendGrid Integration with Python Code:

FLASK MAIL IS USING HERE BECAUSE SENDGRID IS NOT WORKING

importing libraries from flask import Flask from flask_mail import Mail,

Message app = Flask(_name_)

mail = Mail(app) # instantiate the mail class

configuration of mail app.config['MAIL_SERVER']='smtp.gmail.com'
app.config['MAIL_PORT'] = 465 app.config['MAIL_USERNAME'] =
'yourId@gmail.com' app.config['MAIL_PASSWORD'] = '*****'
app.config['MAIL_USE_TLS'] = False app.config['MAIL_USE_SSL'] = True mail =
Mail(app)

message object mapped to a particular URL '/'

@app.route("/") def index():

msg = Message(

'Hello',

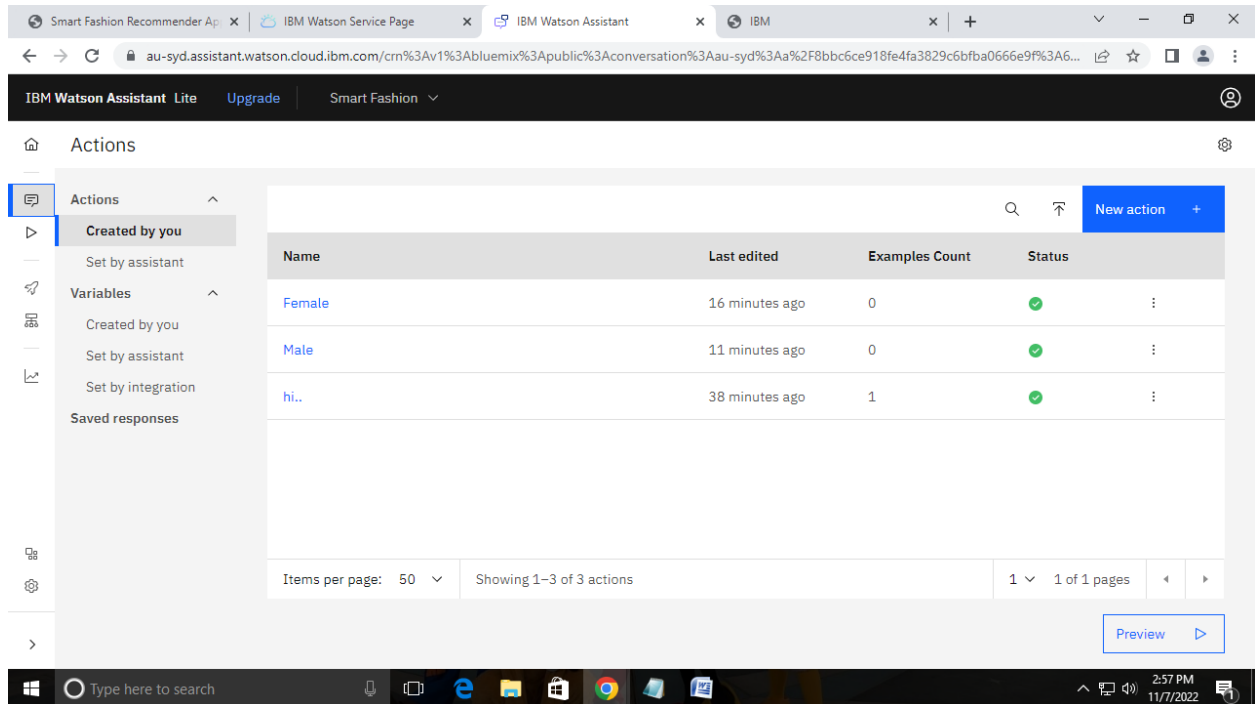sender ='yourId@gmail.com', recipients =
['receiver'sid@gmail.com']

)

msg.body = 'Hello Flask message sent from Flask-Mail' mail.send(msg) return
'Sent' if_____name_== '___main__':

app.run(debug = True)

DEVELOPING A CHATBOT

BUILDING CHATBOT:

Screenshot 1 — IBM Watson Assistant

IBM **Watson Assistant** Lite   Upgrade   Smart Fashion ⌄
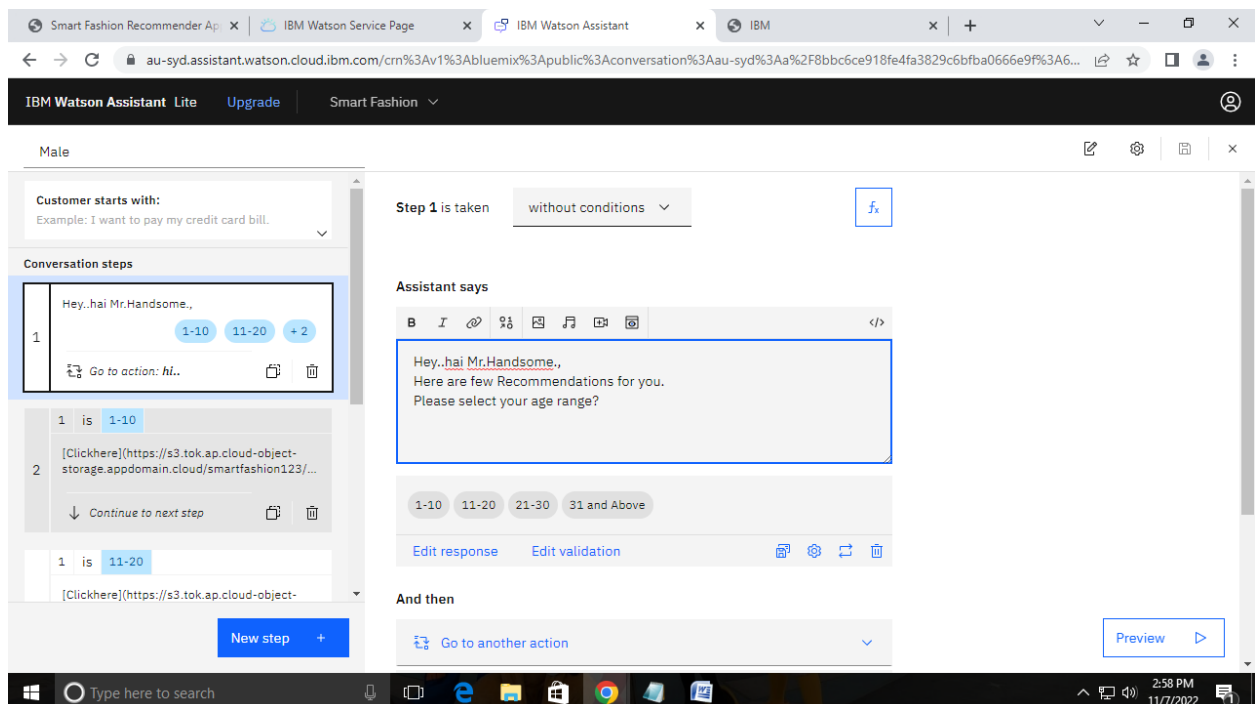
Female

Customer starts with:
Example: I want to pay my credit card bill.

Conversation steps

1 Hey..hai..Ms.Beauty.,
   [21-30] [31 and Above] [+ 2]
   ↓ Continue to next step

2 1 is 1-10
   [Clickhere](https://s3.tok.ap.cloud-object-storage.appdomain.cloud/smartfashion123/...
   ↓ Continue to next step

   1 is 11-20
   [Clickhere](https://s3.tok.ap.cloud-object-

New step +

Step **1** is taken   without conditions ⌄   fx

Assistant says

B I 🔗 ✂ 🖼 🎵 🎬 🖼   </>

Hey..hai..Ms.Beauty.,
Here are few Recommendations for you.
Please select your age range:

[1-10] [11-20] [21-30] [31 and Above]

Edit response   Edit validation

And then

↓ Continue to next step   ⌄

Preview ▷

Screenshot 2 — Smart Fashion Recommender Application

C:/Users/Admin/Desktop/chatbot/html.html#product

Smart Fashion Recommender Application   Home About Products Contact   Sign In

Smart Fashion Recommender Application

Smart Fashion Recommender Application

UserName   GET STARTED

CHATBOT INTEGRATION:

```
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "67b0a2e3-5b12-4451-9f55-f7a9d920ac87", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "68a44a85-8f97-48d4-b224-58ff667cbdc1", // 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>
```

CHATBOT: