

Assignment 3

NAME	SRI DEVI.S
TEAM ID	PNT2022TMID43190
ROLL NO	714219106006
Project Title	Inventory Management System for Retailers

TASK 5 : Create Watson assistant service with 10 steps and use 3 conditions in it. Load that script in HTML page.

The screenshot shows the IBM Watson Assistant Lite interface. The top navigation bar includes 'IBM Watson Assistant Lite', 'Upgrade', 'Assistant for h...', and 'Learning center'. The main area displays a conversation flow with 6 steps. The first step is 'Can I find out if my loved one is a patient at a particular...'. The second step is 'What kinds of information can I learn from a hospital when my loved one was unconscious...'. The third step is 'When I am a patient at a medical facility...'. The fourth step is 'I do not want to share my information with anyone - not even my closest family members. Can I...'. The fifth step is 'Can the hospital tell my member of the clergy (e.g. priest, rabbi, etc.) my room number?'. The sixth step is 'Continue to next step'. The right panel shows 'Step 7 is taken' with a dropdown menu set to 'without conditions'. Below this, the 'Assistant says' section displays a response: 'I would like to list my name and room number, but not my medical condition and religious affiliation, in my hospital's directory. Can I limit the type of information included in my directory listing?'. The 'And then' section shows a dropdown menu set to 'Continue to next step'. A 'Preview' button is located at the bottom right of the interface.

The image displays two screenshots of the IBM Watson Assistant Lite interface, showing a conversation flow for a hospital directory.

Top Screenshot (Step 5):

- Conversation steps:**
 - 3: hospital when my loved one was unconscious...
 - 4: When I am a patient at a medical facility...
 - 5: I do not want to share my information with anyone - not even my closest family members. Can I... (Selected)
 - 6: Can the hospital tell my member of the clergy (e.g. priest, rabbi, etc.) my room number?
 - 7: I would like to list my name and room number, but not my medical condition and religious affiliation...
- Step 5 is taken** without conditions.
- Assistant says:** *I do not want to share my information with anyone - not even my closest family members. Can I request to have my information excluded from my hospital's directory?*
- And then:** Continue to next step.

Bottom Screenshot (Step 7):

- Customer starts with:** Can I find out if my loved one is a patient at a particular...
- Conversation steps:**
 - 1: A: Generally, yes. Under the HIPAA Privacy Rule, if you ask for a loved one by name, a hospital or...
 - 2: What other kinds of information can a hospital disclose about my loved one?
 - 3: What kinds of information can I learn from a hospital when my loved one was unconscious...
- Step 7 is taken** without conditions.
- Assistant says:** *I would like to list my name and room number, but not my medical condition and religious affiliation, in my hospital's directory. Can I limit the type of information included in my directory listing?*
- And then:** Continue to next step.

Index.html

```
<!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>Home</title>

<link rel="stylesheet" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/cloudbucket/assign3.css')}}" type="text/css">

<script> window.watsonAssistantChatOptions = { integrationID: "14b83b8f-3dfd-405f-
9520b550092892aa", // The ID of this integration. region: "us-south", // The region your
integration is hosted in. serviceInstanceID: "6e95bee9-8d0b-49f6-8a2f-4125fb3a7945", // 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> </head>

<body>

    <form action="/uploader" method="POST" enctype="multipart/form-data">

        <input type="text" placeholder="Enter file name" name="filename" />

        <br />

        <br />

        <input type="file" name="file" />

        <br />

        <br />

        <input type="submit" />
    </form>

<br/>

```

```

<br/>

<br/>

{% for row in files %}

    <div style="border: 1px solid #EFEFEF;margin:10px;">

        <h3>Filename : {{row}} </h3>

        </td>

    </div>

{% endfor %}

</body> </html>

```

App.py

```

import io from
flask import

Flask,redirect,url_for,render_template,request import

ibm_boto3 from ibm_botocore.client import Config,
ClientError

COS_ENDPOINT="https://s3.jp-tok.cloud-object-storage.appdomain.cloud"
COS_API_KEY_ID="" COS_INSTANCE_CRN=""

cos = ibm_boto3.resource("s3", ibm_api_key_id=COS_API_KEY_ID,
    ibm_service_instance_id=COS_INSTANCE_CRN,
    config=Config(signature_version="oauth"),
    endpoint_url=COS_ENDPOINT

)

```

```
app=Flask(__name__)
```

```
@app.r
```

```
oute('/') )
```

```
def index():
```

```
try:
```

```
    files =
```

```
    cos.Bucket('cloudbucket').objects.
```

```
    all() files_names = [] for file in
```

```
    files: files_names.append(file.key)
```

```
    print(file) print("Item: {0} ({1}
```

```
    bytes)".format(file.key, file.size))
```

```
    return render_template('index.html',files=files_names)
```

```
except ClientError as be: print("CLIENT
```

```
ERROR: {0}\n".format(be)) return
```

```
render_template('index.html') except
```

```
Exception as e:
```

```
    print("Unable to retrieve bucket contents:
```

```
    {0}".format(e)) return render_template('index.html')
```

```
@app.route('/uploader',methods=['P
```

```
OST']) def upload():
```

```
    name_file=request.for
```

```
    m['filename'] f =
```

```
request.files['file'] try: part_size
```

```
= 1024 * 1024 * 5
```

```
file_threshold = 1024 * 1024 * 15
```

```
transfer_config = ibm_boto3.s3.transfer.TransferConfig( multipart_threshold=file_threshold,  
    multipart_chunksize=part_size
```

```
)
```

```
content = f.read()
```

```
cos.Object('cloudbucket', name_file).upload_fileobj(  
    Fileobj=io.BytesIO(content),  
    Config=transfer_config  
)
```

```
return redirect(url_for('index'))
```

```
except ClientError as be:
```

```
    print("CLIENT ERROR:
```

```
    {0}\n".format(be)) return
```

```
    redirect(url_for('index'))
```

```
except Exception as e:
```

```
    print("Unable to complete multi-part upload:
```

```
    {0}").format(e)) return redirect(url_for('index'))
```

```
if __name__=='_main_':
```

```
    app.run(host='0.0.0.0',port=8080,debug=True
```

