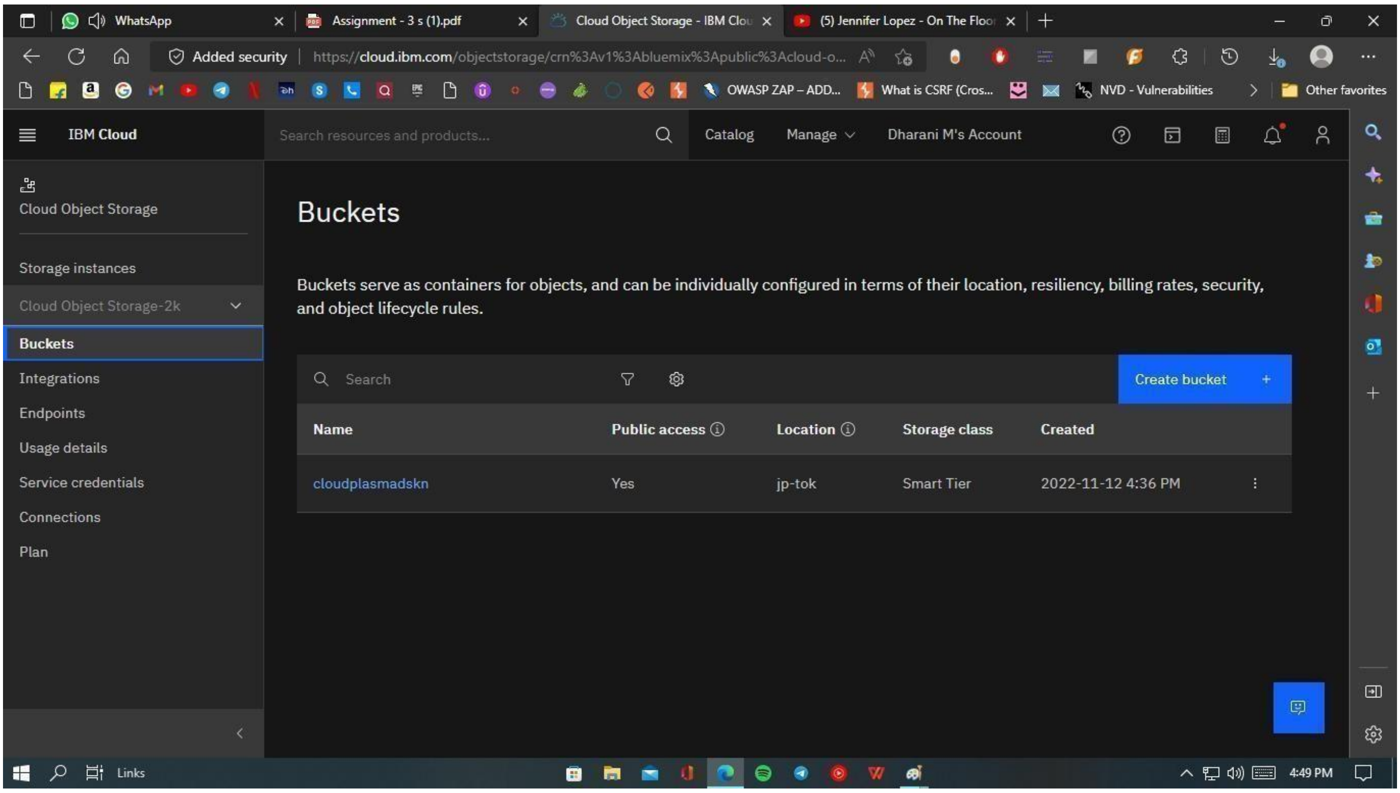
Assignment-3

Name Register number Date	Nivetha N 613019205034 10 October 2022
Team ID	PNT2022TMID30734
Project Name	Plasma Donor Application

1. CREATE A BUCKET IN IBM OBJECT STORAGE.

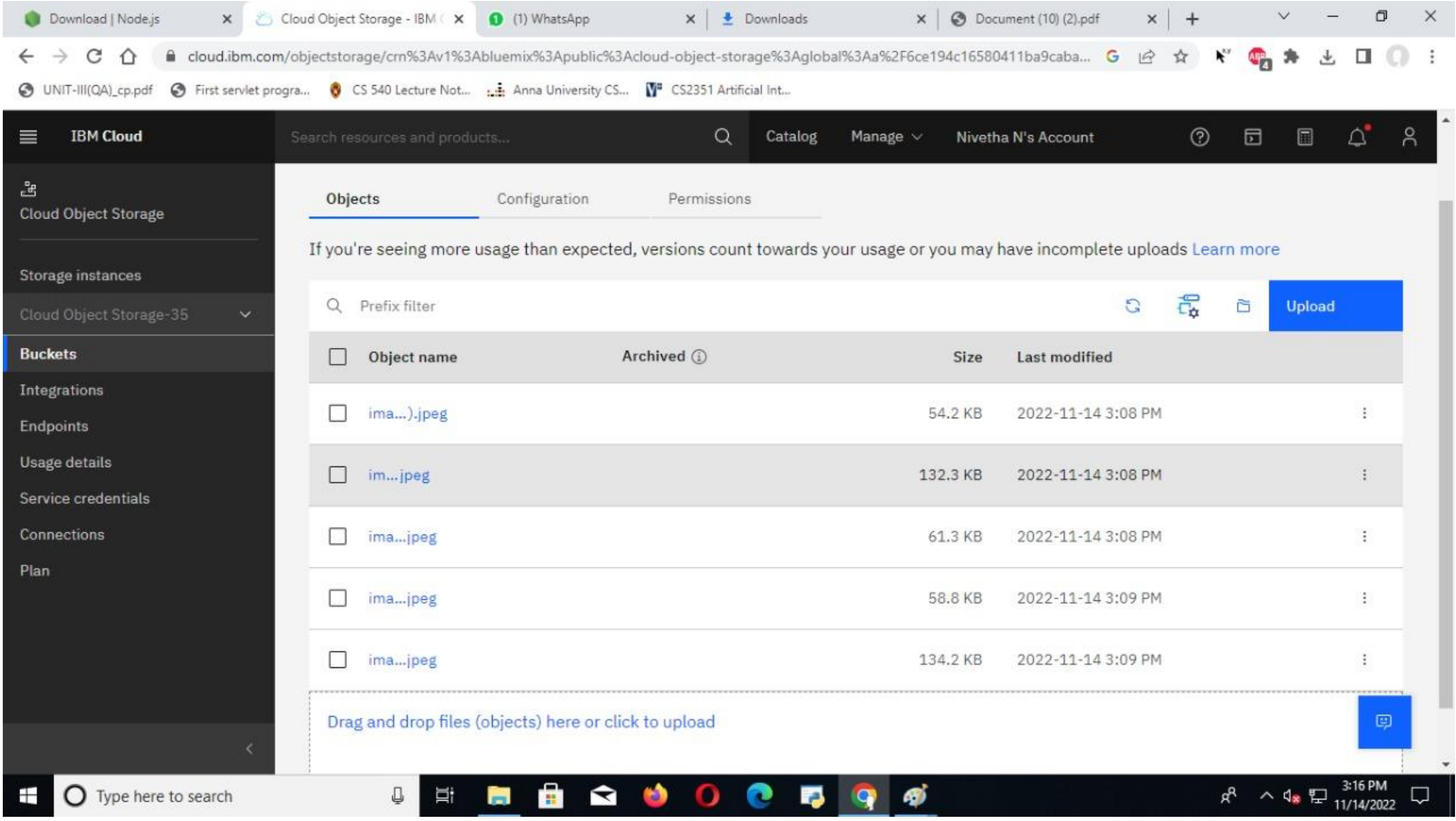


Buckets

Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.

Name	Public access	Location	Storage class	Created
cloudplasmadskn	Yes	jp-tok	Smart Tier	2022-11-12 4:36 PM

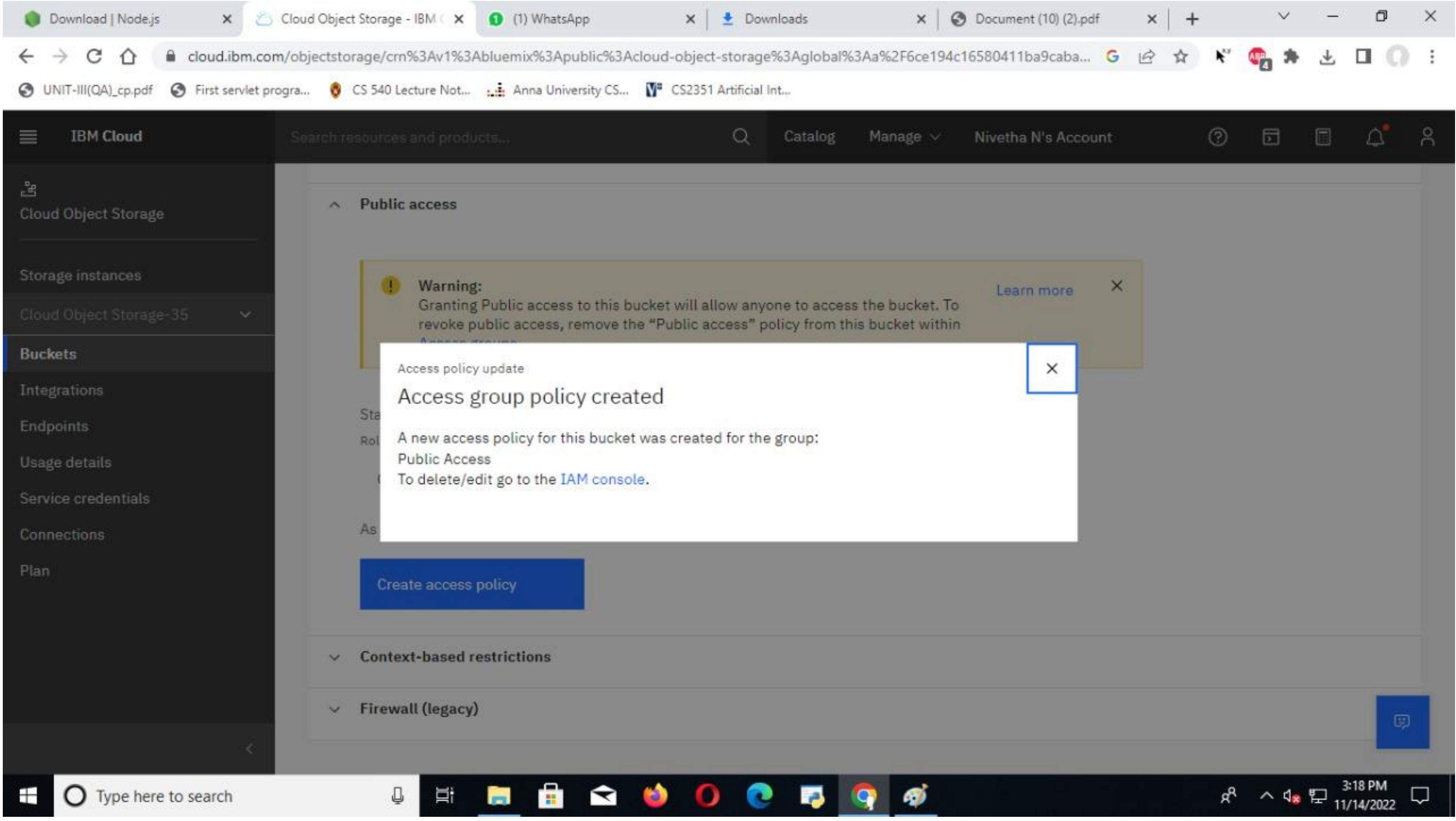
Upload an 5 images to ibm object storage and make it public. Write html code todisplaying all the 5 images.



If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads Learn more

□	Object name	Archived ⓘ	Size	Last modified
□	ima...).jpeg		54.2 KB	2022-11-14 3:08 PM
□	im...jpeg		132.3 KB	2022-11-14 3:08 PM
□	ima...jpeg		61.3 KB	2022-11-14 3:08 PM
□	ima...jpeg		58.8 KB	2022-11-14 3:09 PM
□	ima...jpeg		134.2 KB	2022-11-14 3:09 PM

Drag and drop files (objects) here or click to upload



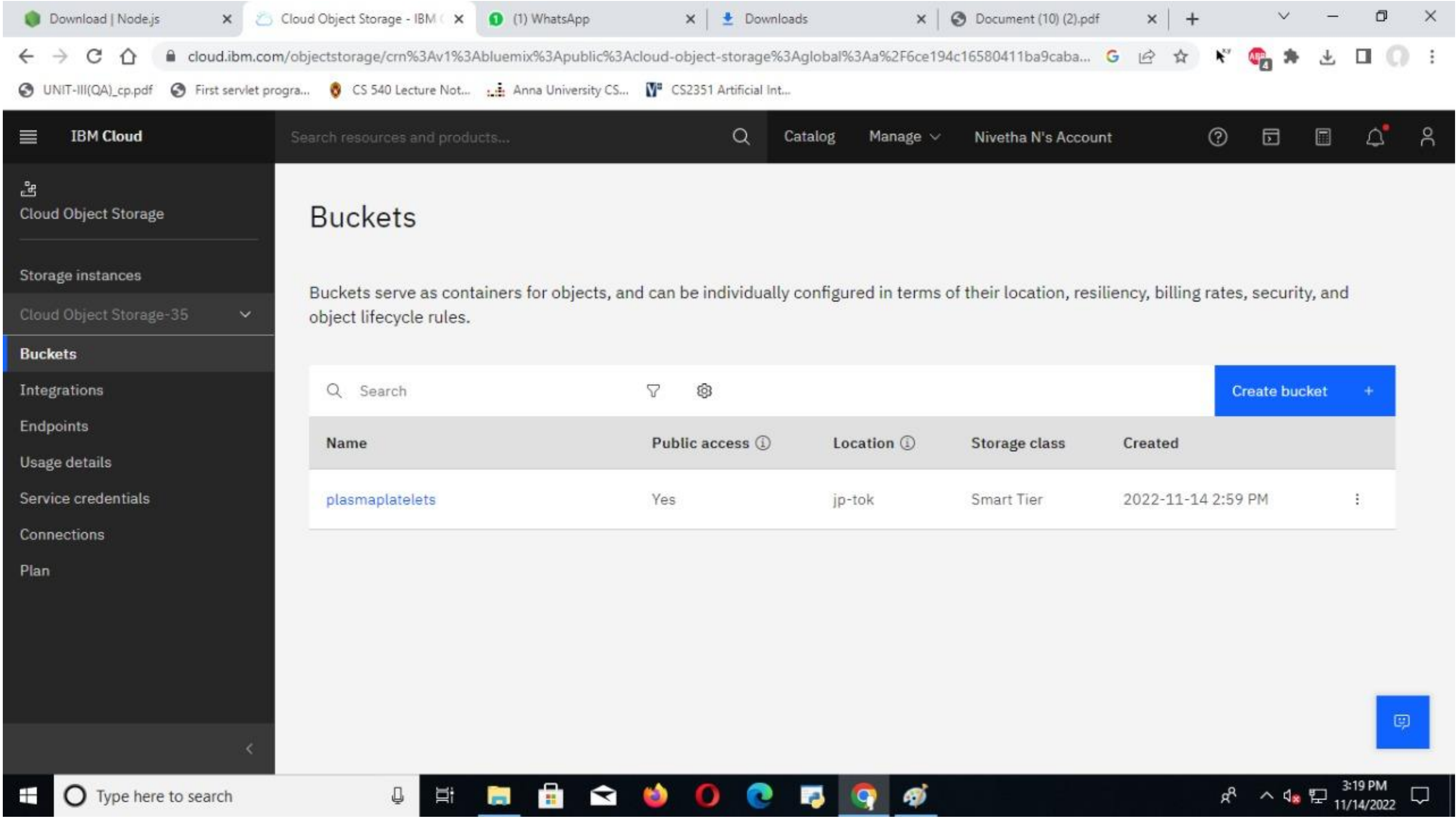
Warning:
Granting Public access to this bucket will allow anyone to access the bucket. To revoke public access, remove the "Public access" policy from this bucket within Access groups. Learn more

Access policy update

Access group policy created

A new access policy for this bucket was created for the group:
Public Access
To delete/edit go to the IAM console.

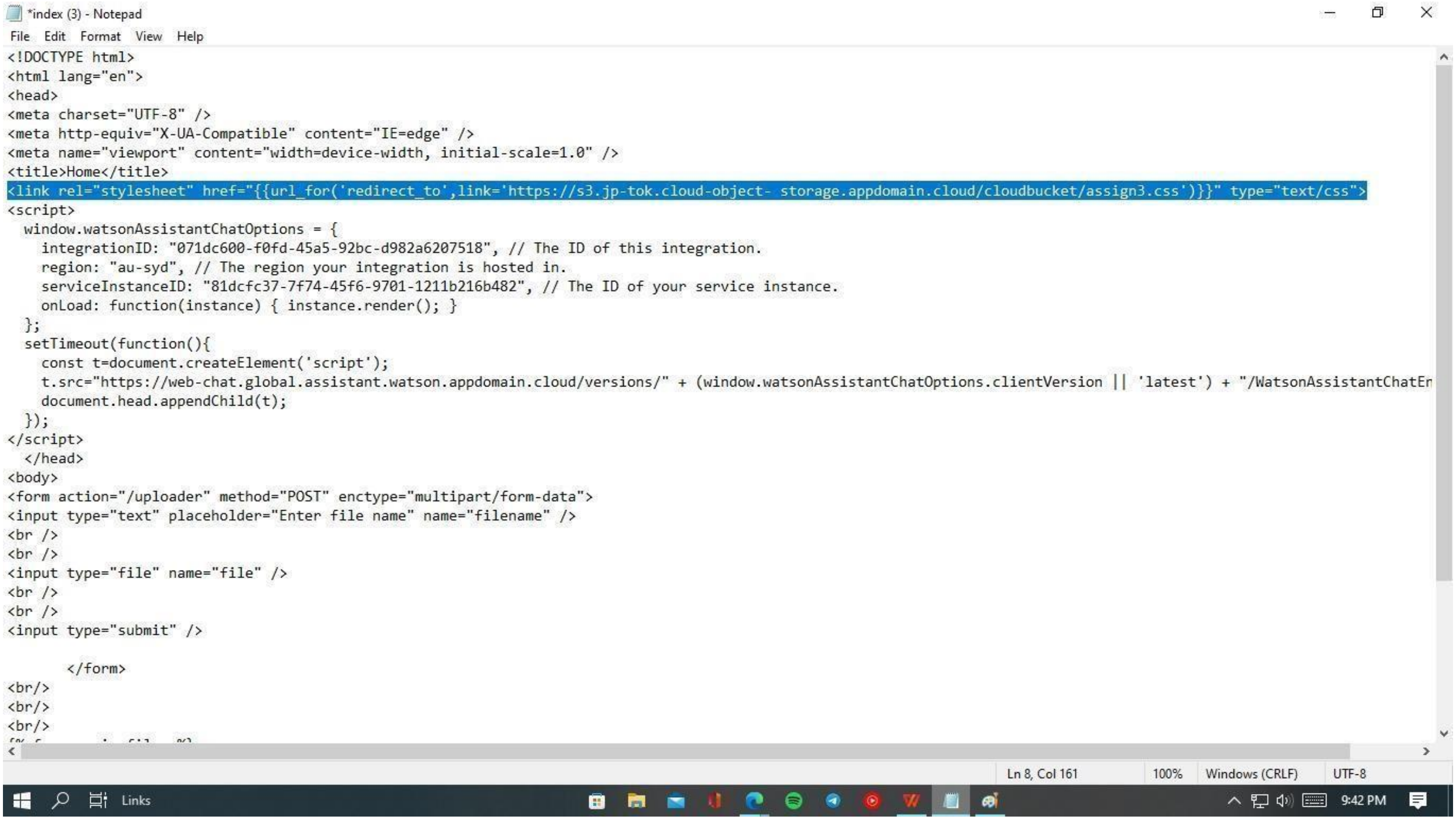
2. **Upload a css page to the object storage and use the same page in your HTML code.**



Buckets

Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.

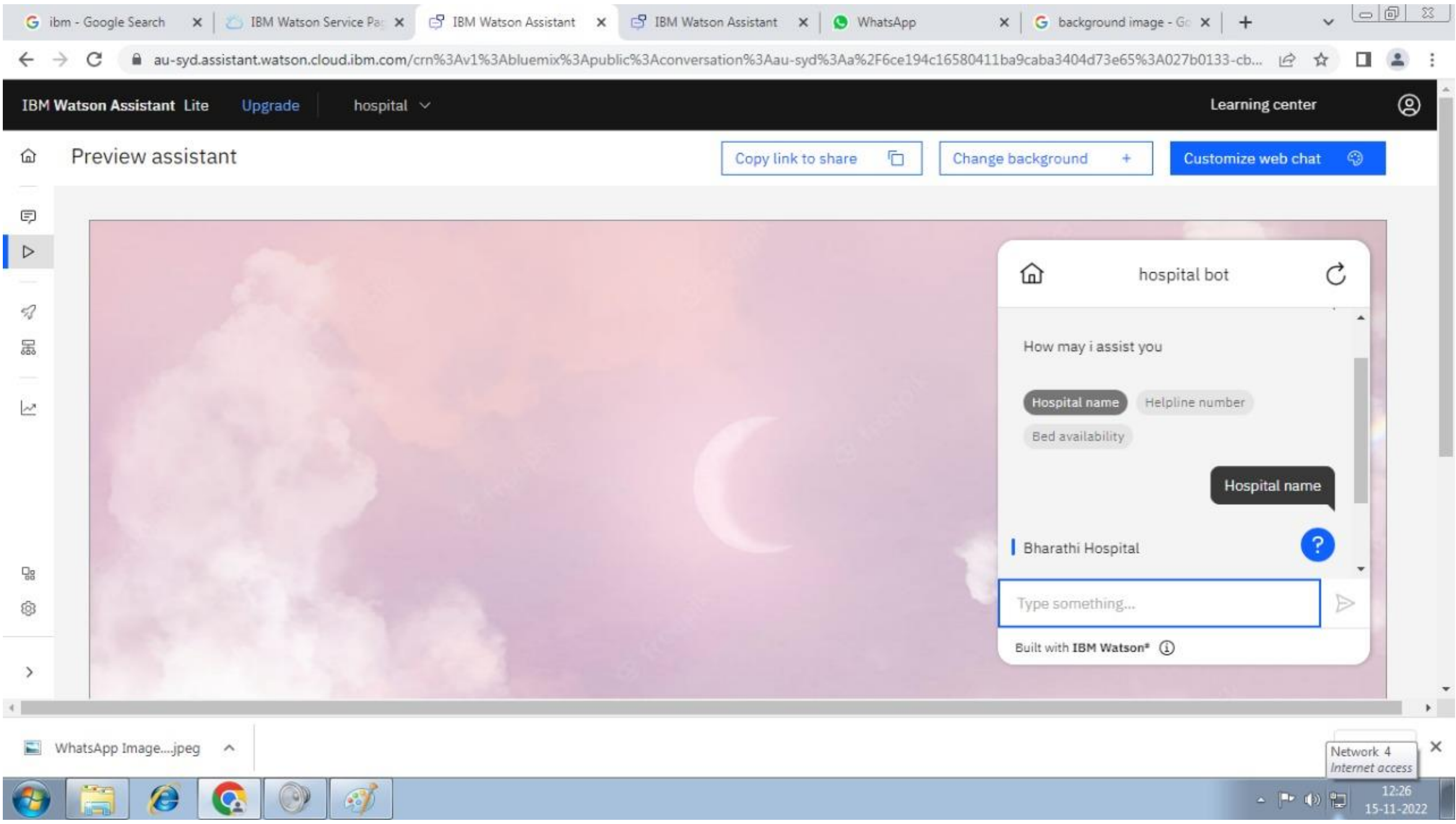
Name	Public access	Location	Storage class	Created
plasmaplatelets	Yes	jp-tok	Smart Tier	2022-11-14 2:59 PM



```
<!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: "071dc600-f0fd-45a5-92bc-d982a6207518", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "81dcfc37-7f74-45f6-9701-1211b216b482", // 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') + "/WatsonAssistantChatEn
    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/>
```

3. Design a chatbot using IBM Watson assistant for hospital.



hospital bot

How may i assist you

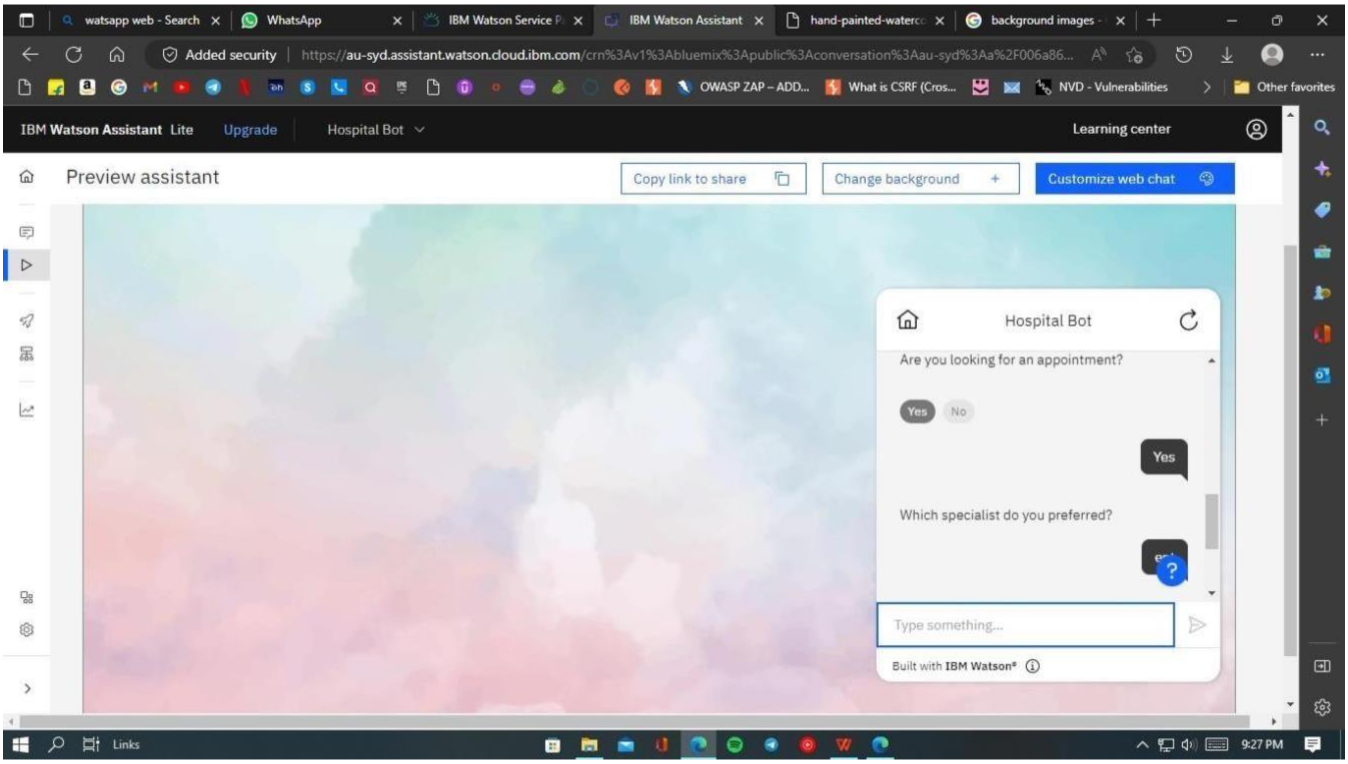
Hospital name
Helpline number
Bed availability

Hospital name

Bharathi Hospital

Type something...

Built with IBM Watson®



Hospital Bot

Are you looking for an appointment?

Yes
No

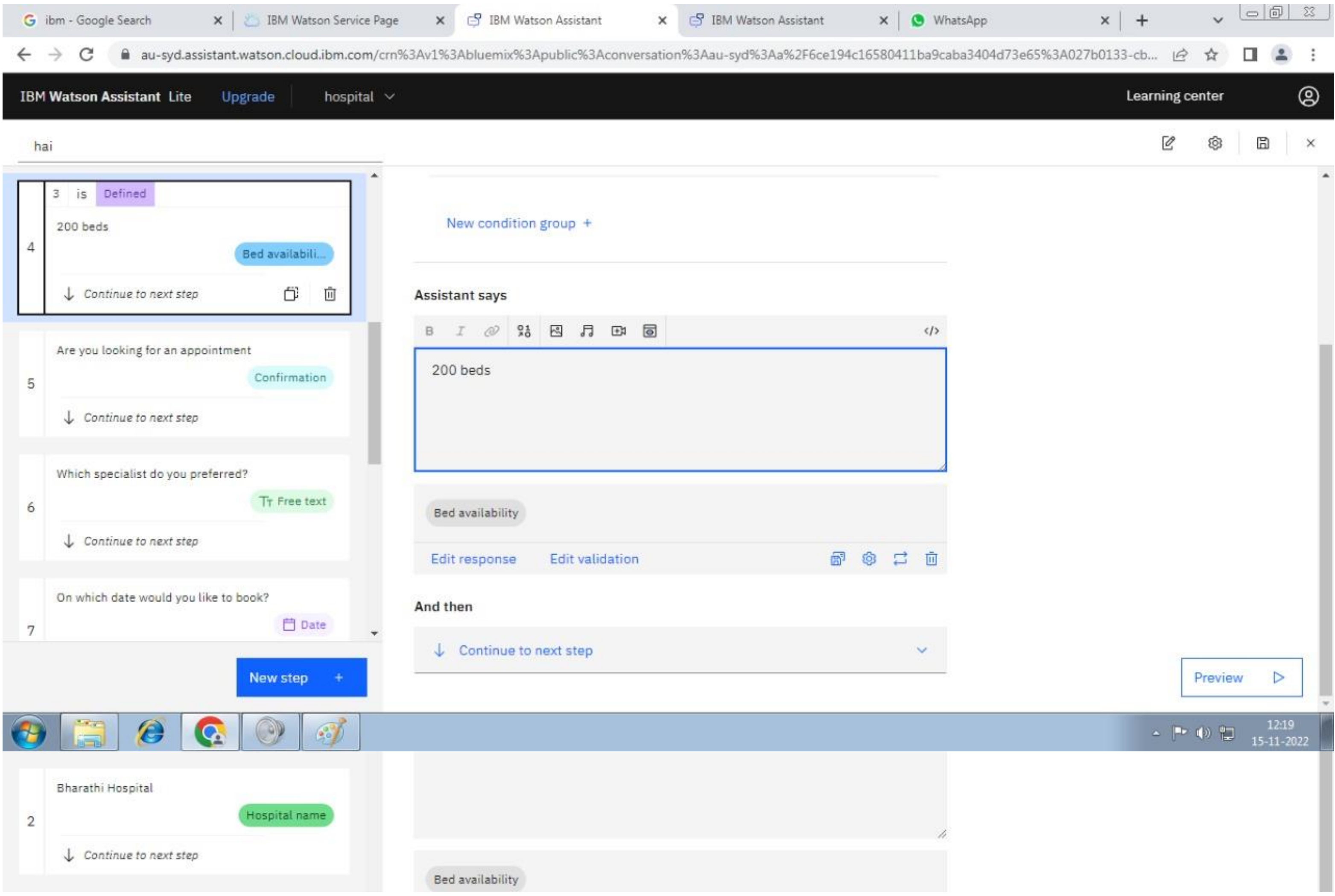
Yes

Which specialist do you preferred?

Type something...

Built with IBM Watson®

https://web-chat.global.assistant.watson.appdomain.cloud/preview.html?backgroundImageURL=https%3A%2F%2Fau-syd.assistant.watson.cloud.ibm.com%2Fpublic%2Fimages%2Fupx-027b0133-cbfb-4a1e-88e7-854a72eebdc0%3A%3A19fd7c24-1d91-4760-9d6d-2061cc83b338&integrationID=b1fcf700-edfb-4b4a-ad0d-e76adc43ccc1&region=au-syd&serviceInstanceID=027b0133-cbfb-4a1e-88e7-854a72eebdc0



hai

4 3 is Defined
200 beds
Bed availabili...
Continue to next step

5 Are you looking for an appointment
Confirmation
Continue to next step

6 Which specialist do you preferred?
Free text
Continue to next step

7 On which date would you like to book?
Date

200 beds

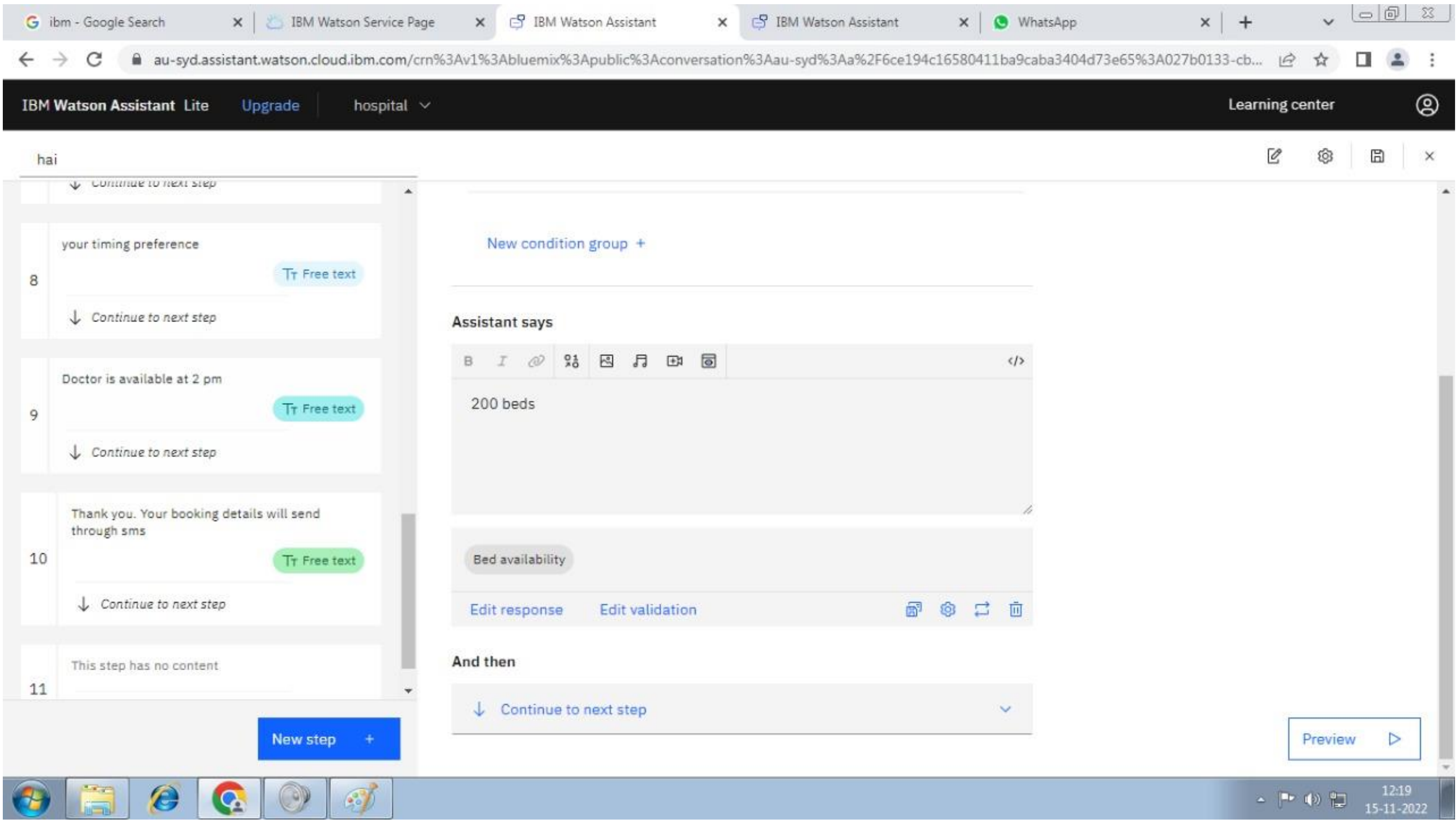
Bed availability

Continue to next step

2 Bharathi Hospital
Hospital name
Continue to next step

Bed availability

Included 3 conditions in steps:



hai

Continue to next step

8 your timing preference
Free text
Continue to next step

9 Doctor is available at 2 pm
Free text
Continue to next step

10 Thank you. Your booking details will send through sms
Free text
Continue to next step

11 This step has no content

200 beds

Bed availability

Continue to next step

```
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "b1fcf700-edfb-4b4a-ad0d-e76adc43ccc1", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "027b0133-cbfb-4a1e-88e7-854a72eebdc0", // 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);
  });{% for row in files %}


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


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


            <img src="https://cloudbucket.s3.jp-tok.cloud-object-storage.appdomain.cloud/{{row}}"
            width="150px"></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_AP
```

```
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.route('/')
              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=['POST']) def
              upload():
              name_file=request.form['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
```