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Date	28 October 2022
Team ID	PNT2022TMID53036
Project Name	Project - Personal Expense Tracker

Assignment - 3

Object Storage and Watson Chat Bot

Question

1. Create a Bucket in IBM object storage.

2. Upload an 5 images to ibm object storage and make it public. write html code to displaying all the 5 images.

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

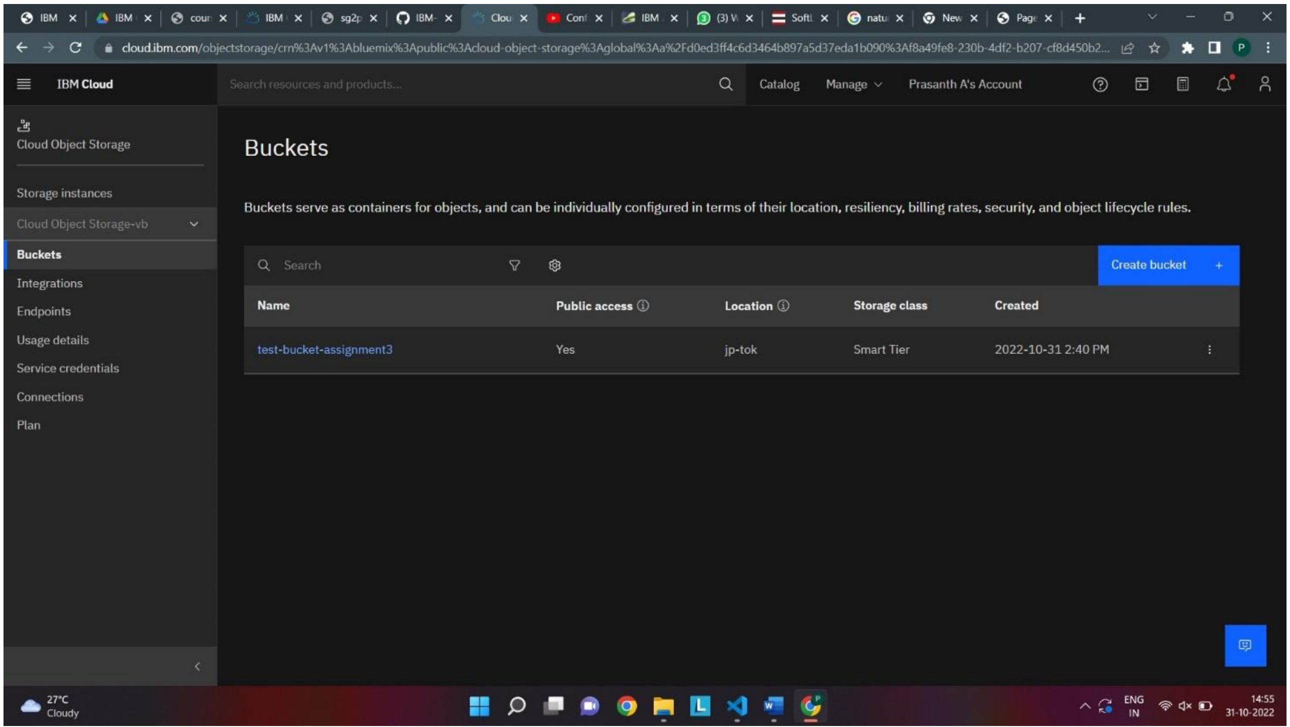
4. Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with query to know the branches for that hospital in your city. Submit the web URL of that chat bot as a assignment.

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

Solutions

1. Create a Bucket in IBM object storage

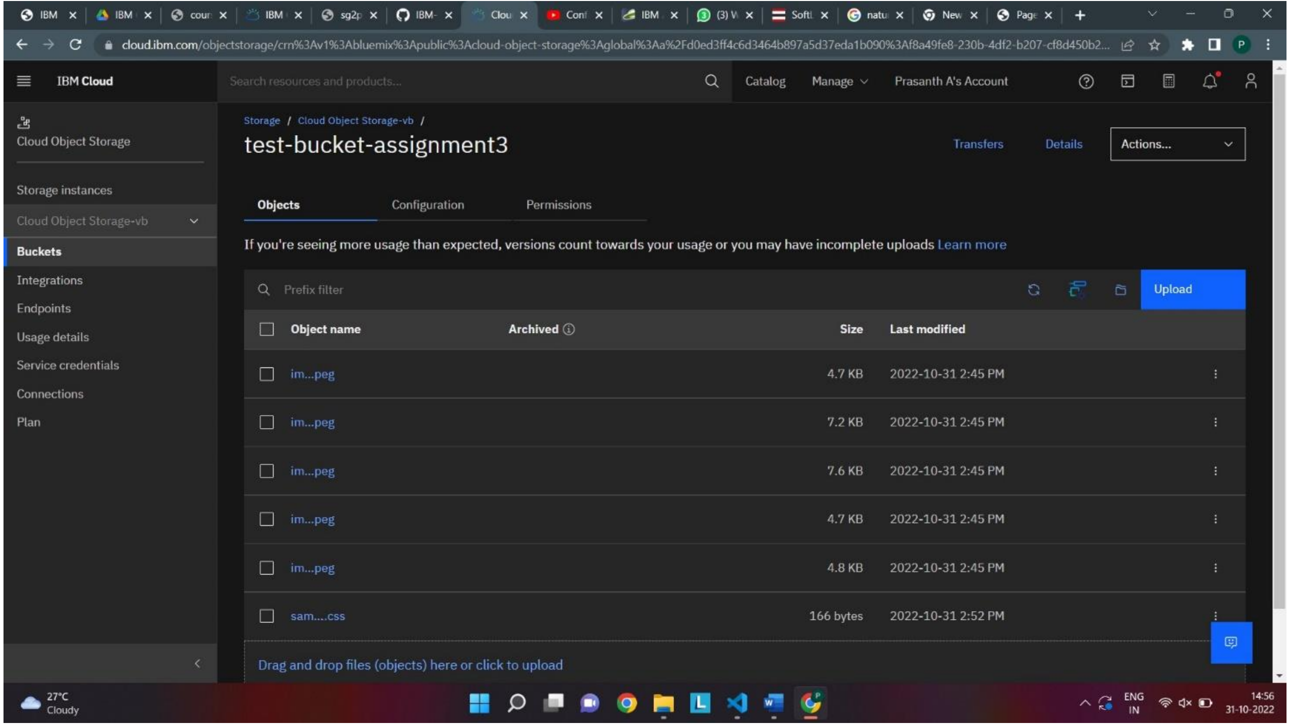
- Create a object storage from the catalog in IBM Cloud
- Create a new bucket in the object storage
- An unique name should be given to new bucket



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
test-bucket-assignment3	Yes	jp-tok	Smart Tier	2022-10-31 2:40 PM



test-bucket-assignment3

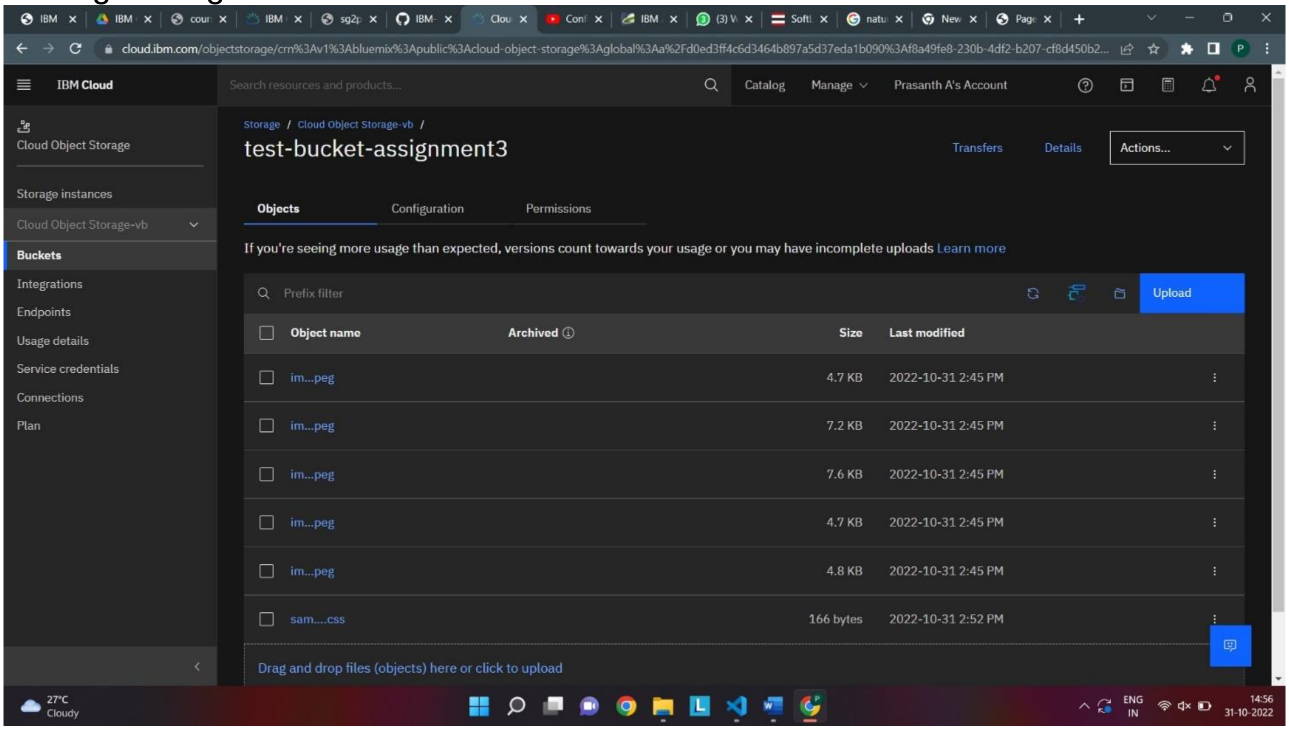
If you're seeing more usage than expected, versions count towards your usage or you may have incomplete uploads Learn more

□	Object name	Archived ⓘ	Size	Last modified
□	im...peg		4.7 KB	2022-10-31 2:45 PM
□	im...peg		7.2 KB	2022-10-31 2:45 PM
□	im...peg		7.6 KB	2022-10-31 2:45 PM
□	im...peg		4.7 KB	2022-10-31 2:45 PM
□	im...peg		4.8 KB	2022-10-31 2:45 PM
□	sam....css		166 bytes	2022-10-31 2:52 PM

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

2. Upload 5 images to ibm object storage and make it public. write html code to display all the 5 images.

Adding 5 images



Storage / Cloud Object Storage-vb /

test-bucket-assignment3

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

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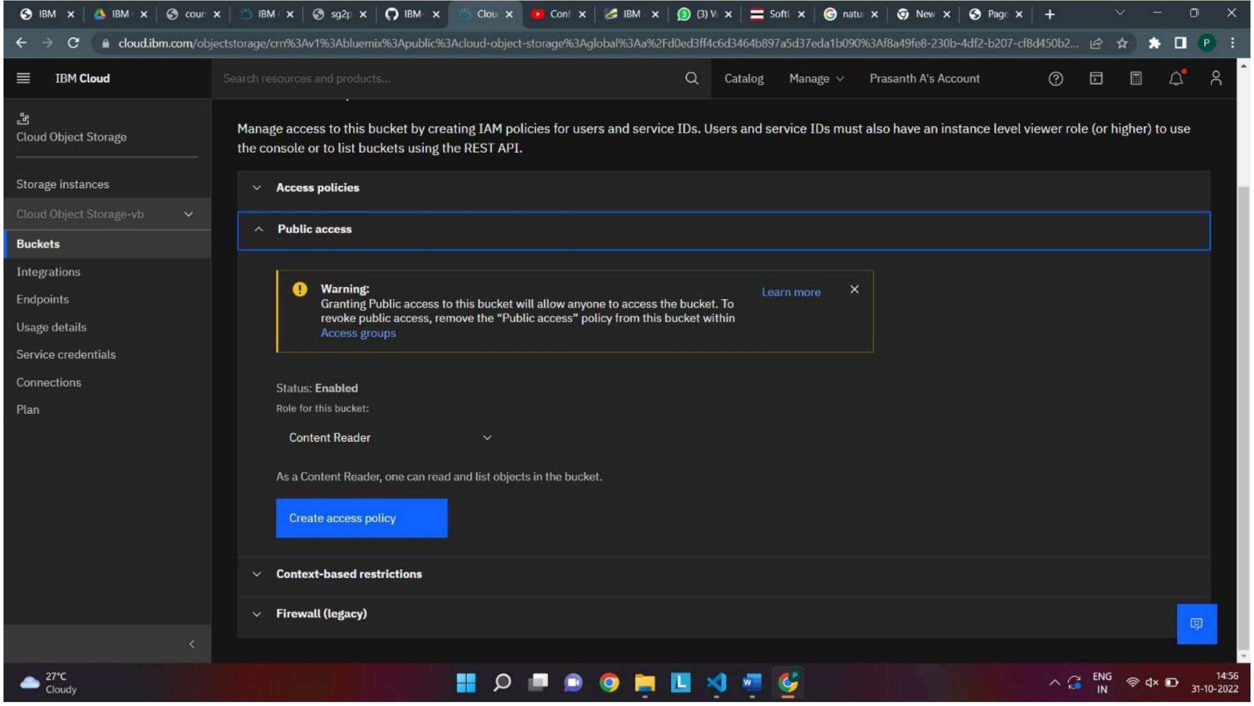
□	im...peg		4.8 KB	2022-10-31 2:45 PM
□	sam....css		166 bytes	2022-10-31 2:52 PM

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

Making it to public



Manage access to this bucket by creating IAM policies for users and service IDs. Users and service IDs must also have an instance level viewer role (or higher) to use the console or to list buckets using the REST API.

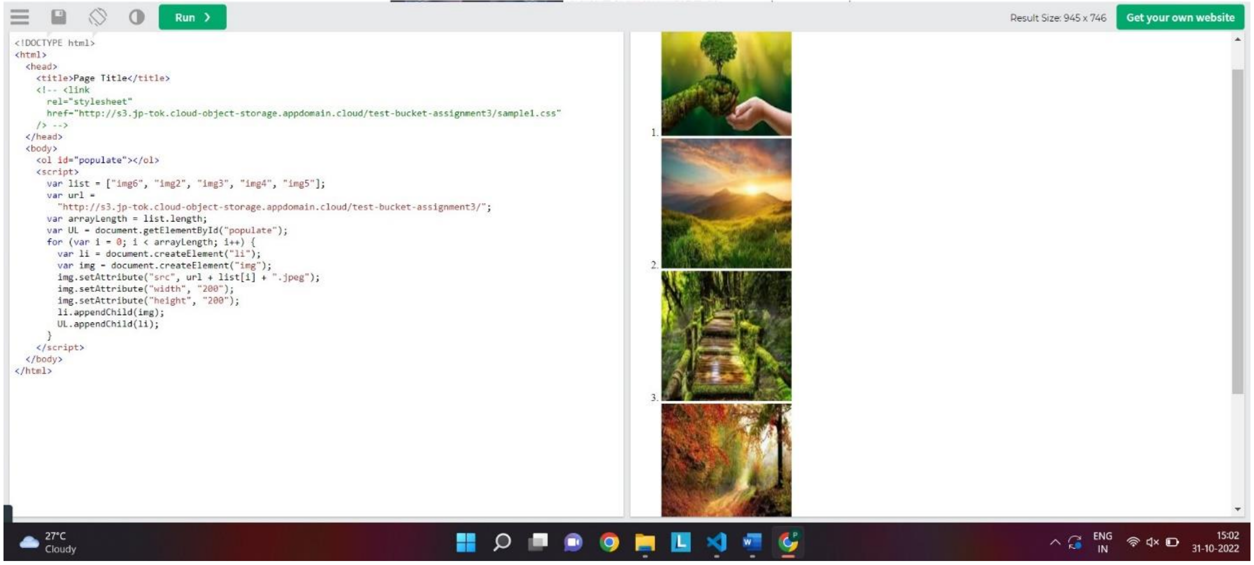
Warning:
Granting Public access to this bucket will allow anyone to access the bucket. To revoke public access, remove the "Public access" policy from this bucket within Access groups

Status: Enabled

Role for this bucket: Content Reader

As a Content Reader, one can read and list objects in the bucket.

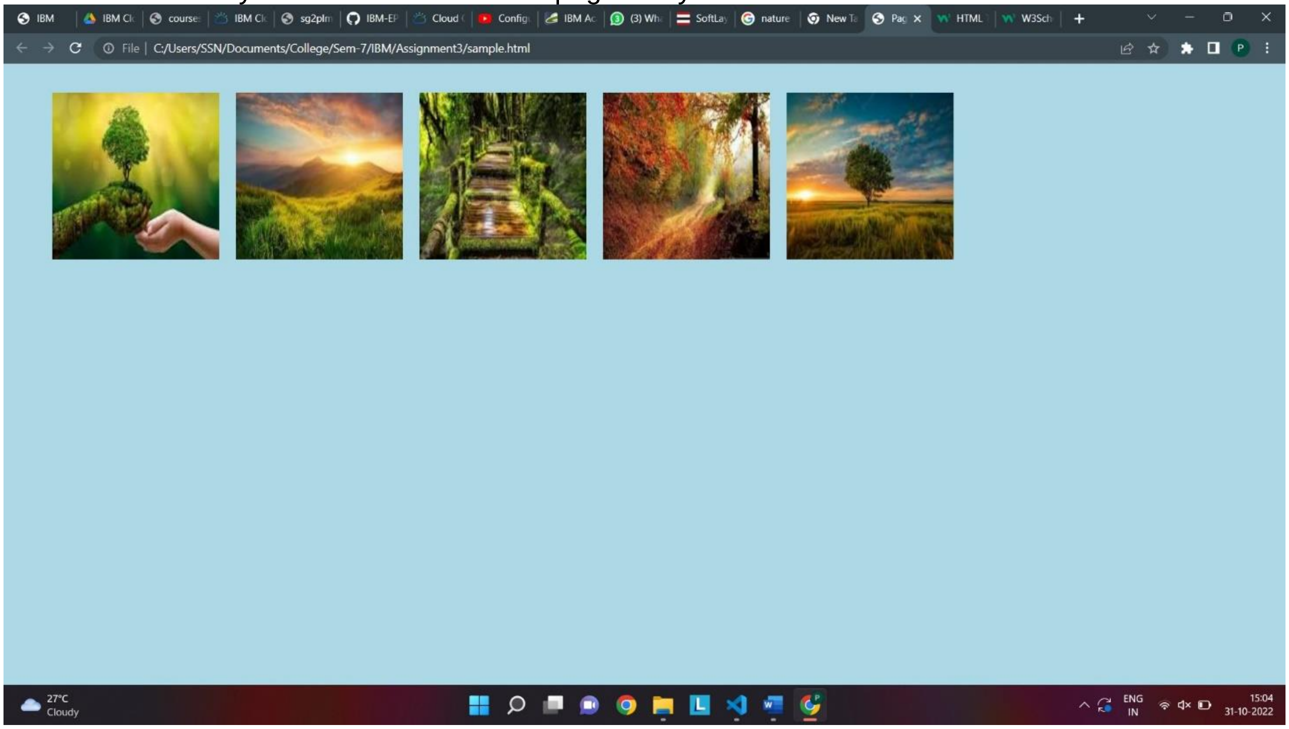
Display the 5 images obtained from my newly created bucket



```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
    <!-- <link
      rel="stylesheet"
      href="http://s3.jp-tok.cloud-object-storage.appdomain.cloud/test-bucket-assignment3/sample1.css"
    /> -->
  </head>
  <body>
    <ol id="populate"></ol>
    <script>
      var list = ["img6", "img2", "img3", "img4", "img5"];
      var url =
        "http://s3.jp-tok.cloud-object-storage.appdomain.cloud/test-bucket-assignment3/";
      var arrayLength = list.length;
      var UL = document.getElementById("populate");
      for (var i = 0; i < arrayLength; i++) {
        var li = document.createElement("li");
        var img = document.createElement("img");
        img.setAttribute("src", url + list[i] + ".jpeg");
        img.setAttribute("width", "200");
        img.setAttribute("height", "200");
        li.appendChild(img);
        UL.appendChild(li);
      }
    </script>
  </body>
</html>
```

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

Added css file in my bucket and use the css page in my above html


File | C:/Users/SSN/Documents/College/Sem-7/IBM/Assignment3/sample.html
27°C
Cloudy
ENG
IN
15:04
31-10-2022

Code Files

index.html

```html
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
    <link
      rel="stylesheet"
      href="http://s3.jp-tok.cloud-object-storage.appdomain.cloud/test-bucket-assignment3/sample1.css"
    />
  </head>
  <body>
    <ol id="populate"></ol>
    <script>
      var list = ["img6", "img2", "img3", "img4", "img5"];
      var url =
        "http://s3.jp-tok.cloud-object-storage.appdomain.cloud/test-bucket-assignment3/";
      var arrayLength = list.length;
      var UL = document.getElementById("populate");
      for (var i = 0; i < arrayLength; i++) {
        var li = document.createElement("li");
        var img = document.createElement("img");
        img.setAttribute("src", url + list[i] + ".jpeg");
        img.setAttribute("width", "200");
        img.setAttribute("height", "200");
        li.appendChild(img);
        UL.appendChild(li);
      }
    </script>
  </body>
</html>
```

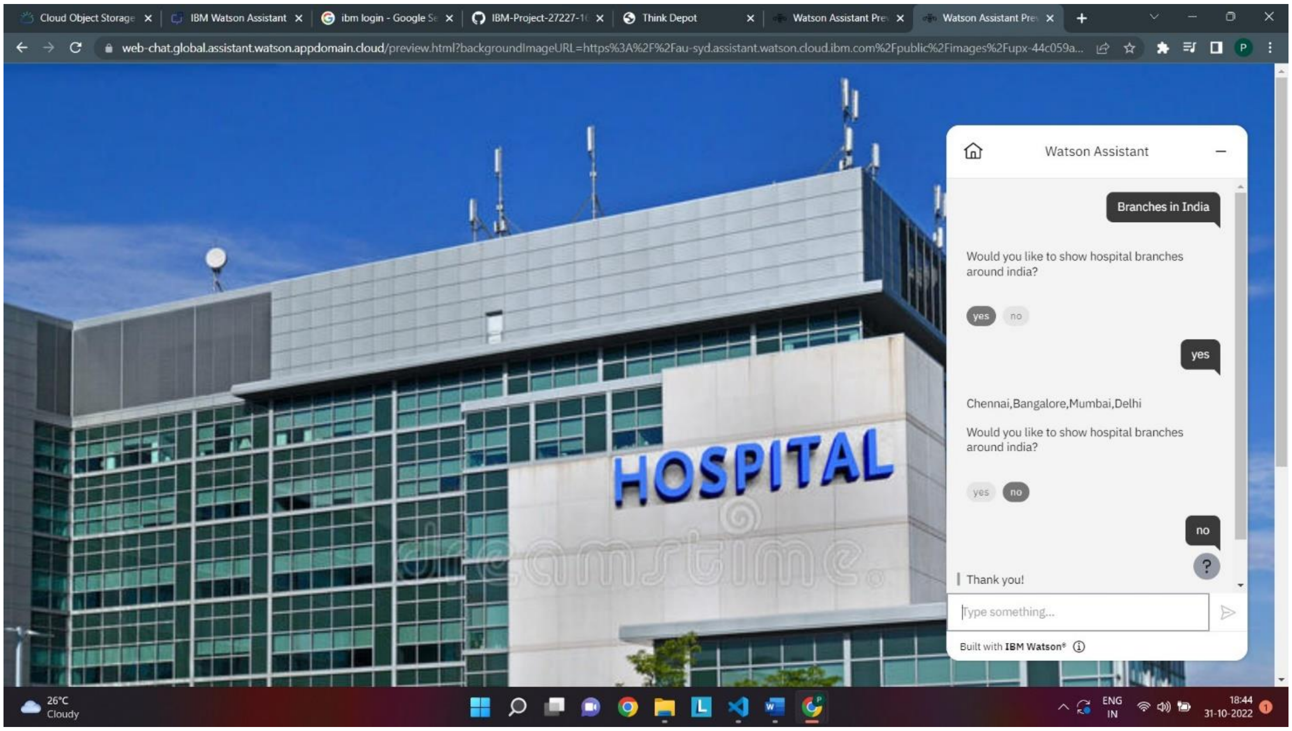
sample1.css

```css
body {
  display: -webkit-flex;
  background-color: lightblue;

  display: flex;
}

li {
  padding: 10px;
  display: inline-block;
}
```

4. Design a chatbot using IBM Watson assistant for hospital. Ex: User comes with a query to know the branches for that hospital in your city. Submit the web URL of that chat bot as an assignment.



Branches in India

Would you like to show hospital branches around india?

yes no

yes

Chennai,Bangalore,Mumbai,Delhi

Would you like to show hospital branches around india?

yes no

no

Thank you!

Type something...

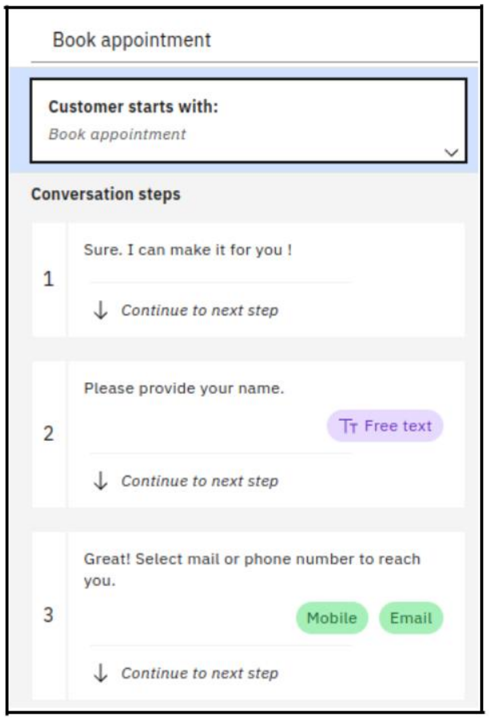
Built with IBM Watson®

Web URL - hospital-chat-bot

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

Created a watson assistant service with 10 steps and used 3 conditions in it

Actions Screenshot



Book appointment

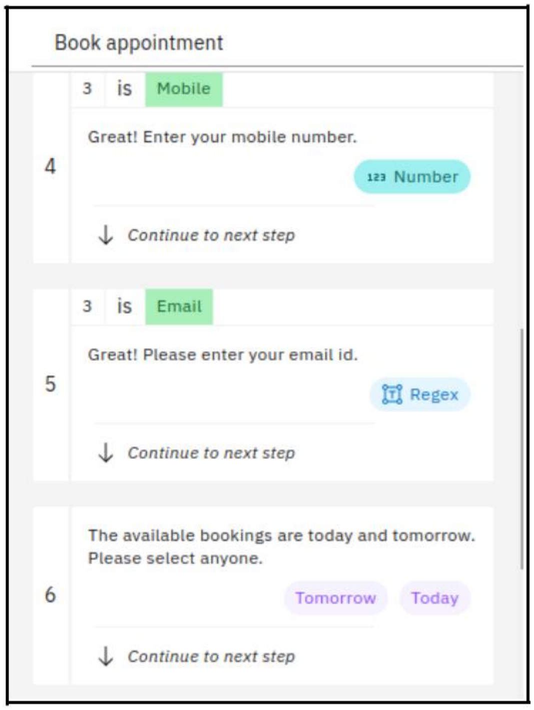
Customer starts with:
Book appointment

Conversation steps

1 Sure. I can make it for you !
↓ *Continue to next step*

2 Please provide your name.
Tт Free text
↓ *Continue to next step*

3 Great! Select mail or phone number to reach you.
Mobile Email
↓ *Continue to next step*

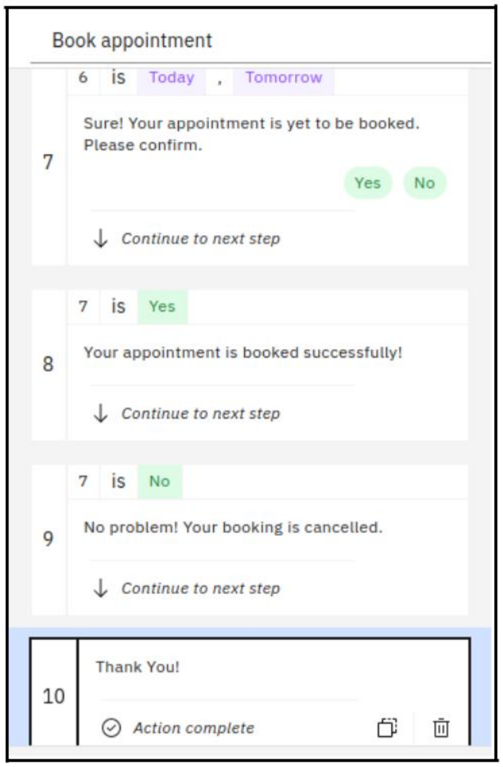


Book appointment

4 3 is Mobile
Great! Enter your mobile number.
123 Number
↓ *Continue to next step*

5 3 is Email
Great! Please enter your email id.
Regex
↓ *Continue to next step*

6 The available bookings are today and tomorrow. Please select anyone.
Tomorrow Today
↓ *Continue to next step*



Book appointment

7 6 is Today , Tomorrow
Sure! Your appointment is yet to be booked. Please confirm.
Yes No
↓ *Continue to next step*

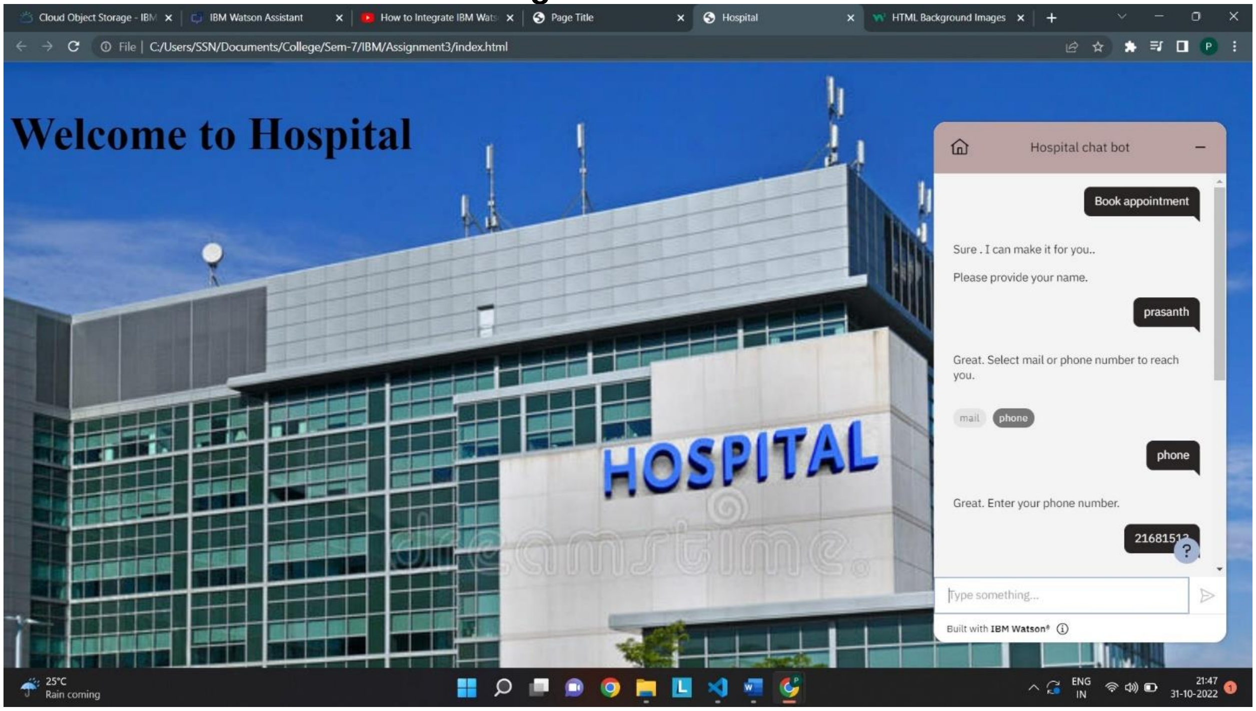
8 7 is Yes
Your appointment is booked successfully!
↓ *Continue to next step*

9 7 is No
No problem! Your booking is cancelled.
↓ *Continue to next step*

10 Thank You!
Action complete

HTML page is created locally and loaded that script in the page

Page Screenshot



Book appointment

Sure . I can make it for you..

Please provide your name.

prasanth

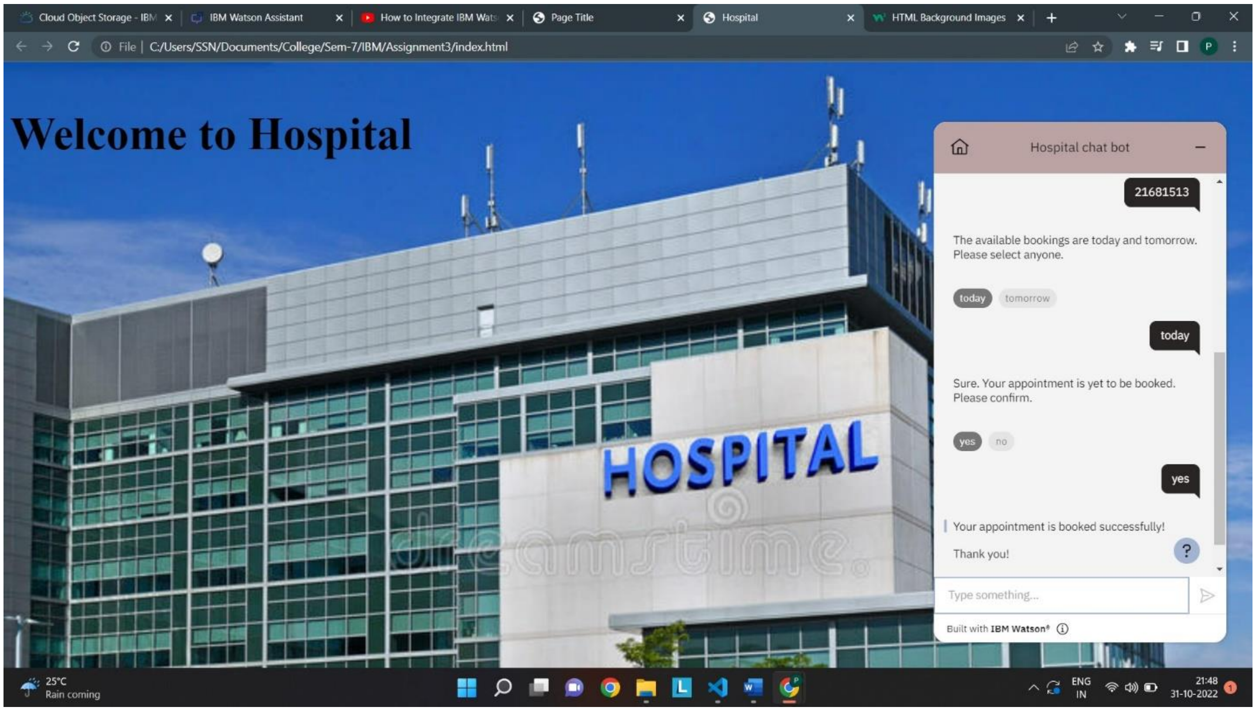
Great. Select mail or phone number to reach you.

mail phone

phone

Great. Enter your phone number.

21681513



21681513

The available bookings are today and tomorrow. Please select anyone.

today tomorrow

today

Sure. Your appointment is yet to be booked. Please confirm.

yes no

yes

Your appointment is booked successfully!

Thank you!