Cloud Computing Spring 2018 Assignment -2

Pragathi Thammaneni

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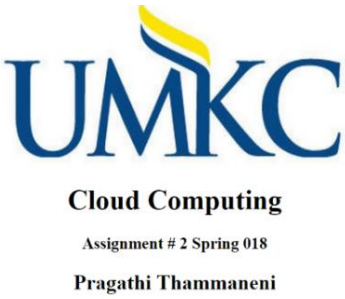
Cloud Computing

Name: Pragathi Thammaneni **Student Id: 16230695**

Deploy the web page on 1) Google Cloud Platform, 2) MS Azure, and 3) Amazon AWS

Answer:

For deploying the web page in all three public clouds, created a web page with below details in index.html



Source Code:

```
<html>

<body >

<center><img src ="http://www.kansascity.com/latest-news/article124118.ece/ALTERNATES/FREE_640/UMKC%20logo" align="center" width=400px height =200px></img>

<h1 >Cloud Computing </h1>

<h3>Assignment # 2 Spring 018</h3>

<h2>Pragathi Thammaneni</h2></center>

</html>

</body>
```

Google Cloud Platform

The below mentioned are the steps involved in deploying the web page:

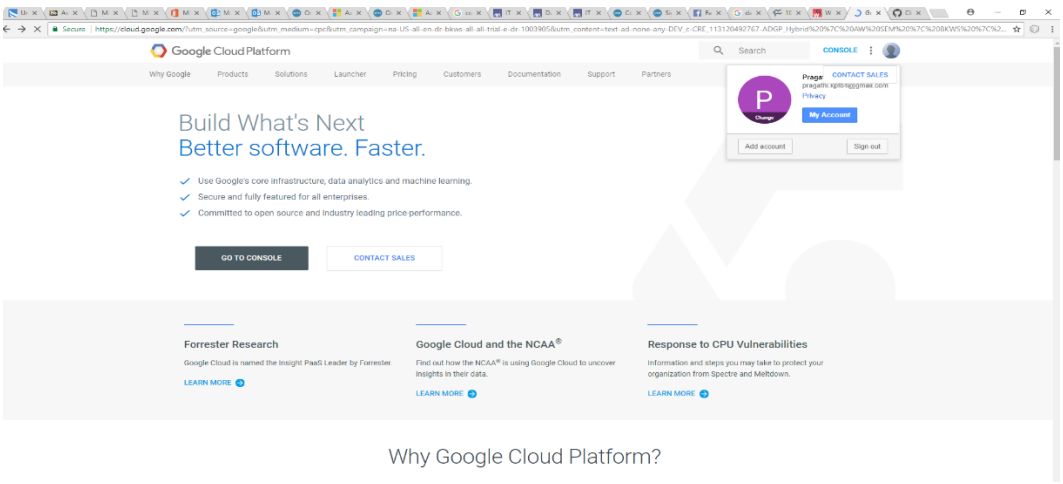
a. Go to the URL https://cloud.google.com/
b. Login with the credentials (google account)
c. Create a new project in the Google cloud platform
d. Under the storage section create a new bucket
e. Uploading the index.html file in to the bucket for the deployment to the google cloud platform
f. Deployed – Creates a link for the html file and gives the required output**.**

Output: https://storage.googleapis.com/cloudpragathi/index.html

Screen shots for the above mentioned steps:

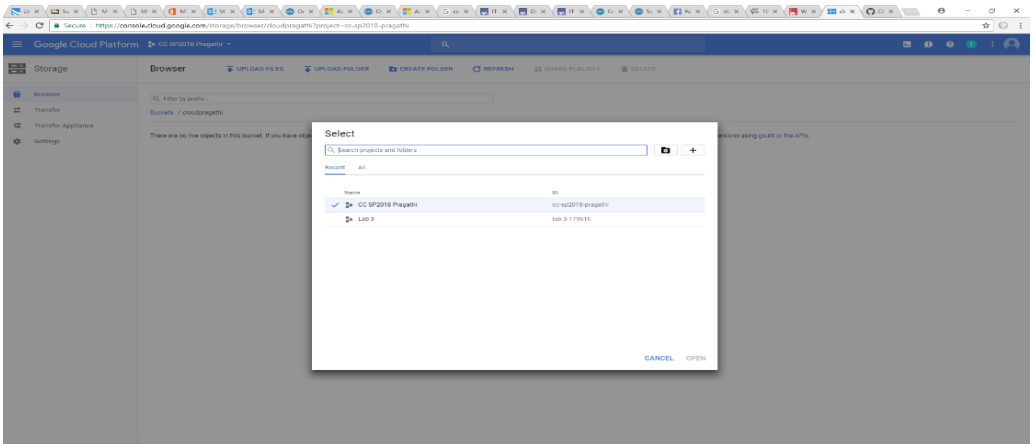
a. Go to the URL https://cloud.google.com/

Screen shot:



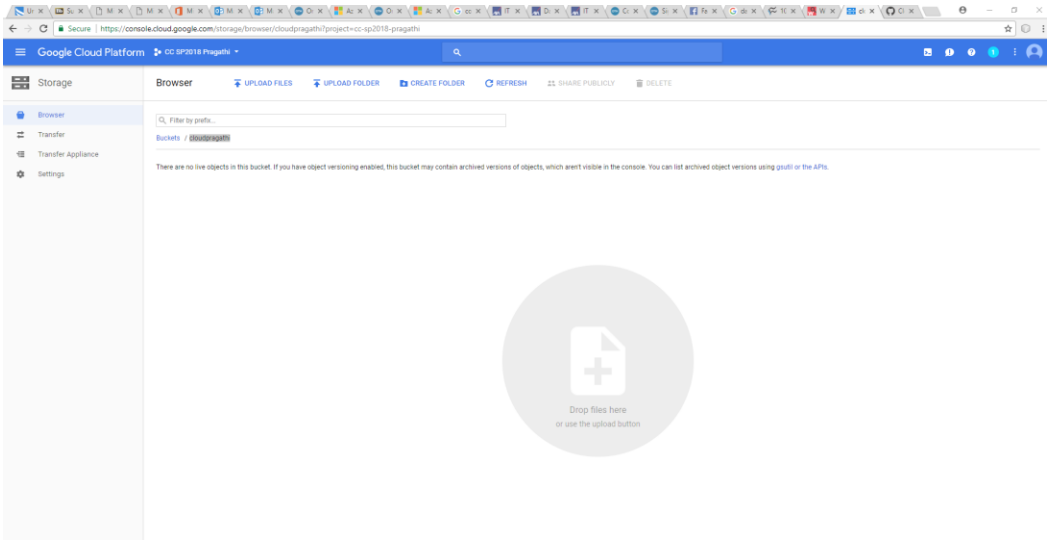
b. Create a new project in the Google cloud platform

Screen shot:

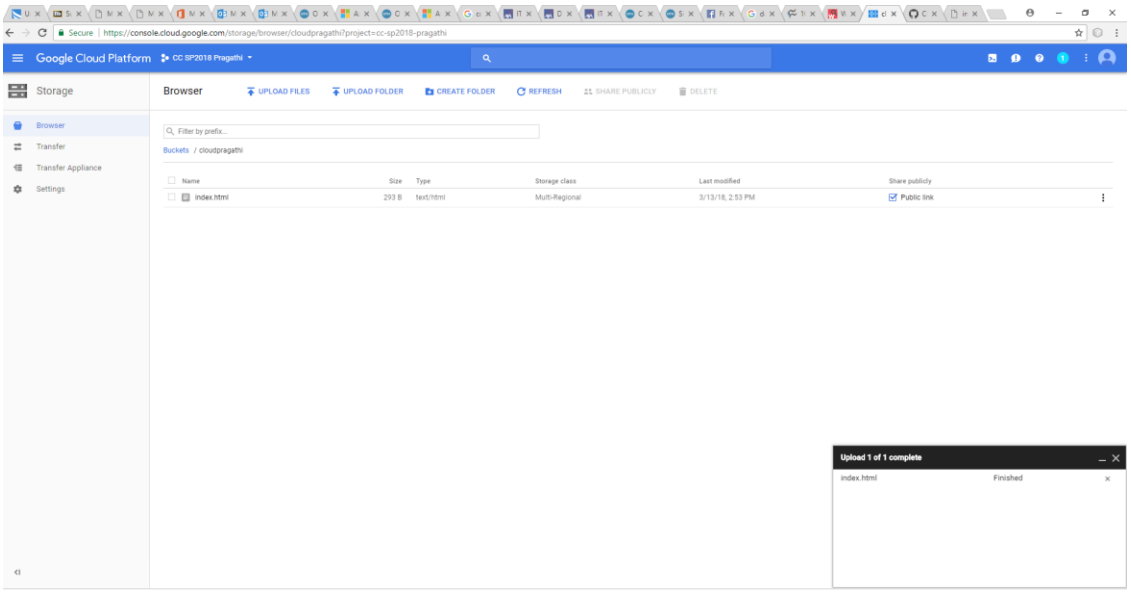


c. **Under the storage section create a new bucket**

Screen shot:



d. **Uploading the index.html file in to the bucket for the deployment to the google cloud platform**



e. **Deployed – Creates a link for the html file and gives the required output.**

Output: https://storage.googleapis.com/cloudpragathi/index.html

Epilog:

I became acquainted with and presented to different cloud stages which is a radical new idea to me

2) The fun part of the task is the chance to take in the new ideas which is presently booming in the cloud computing and there is no such thing as troublesome.

The task ran without hardly

3) GENI: Used as of now, got along effortlessly

4) Amazon AWS: Professional

5) Google Cloud Platform: Used to Google, so got along

6) Microsoft Azure: User Friendly UI

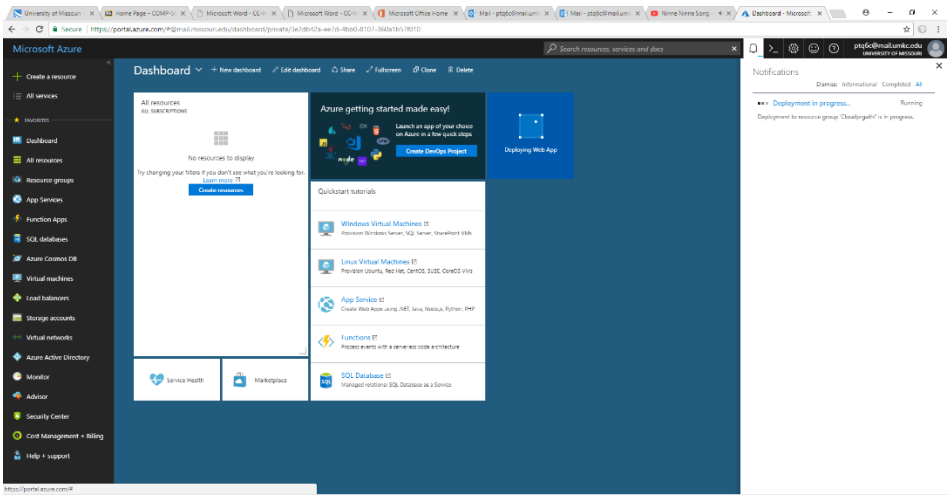
7) I appreciated working with Microsoft Azure the most

Microsoft Azure:

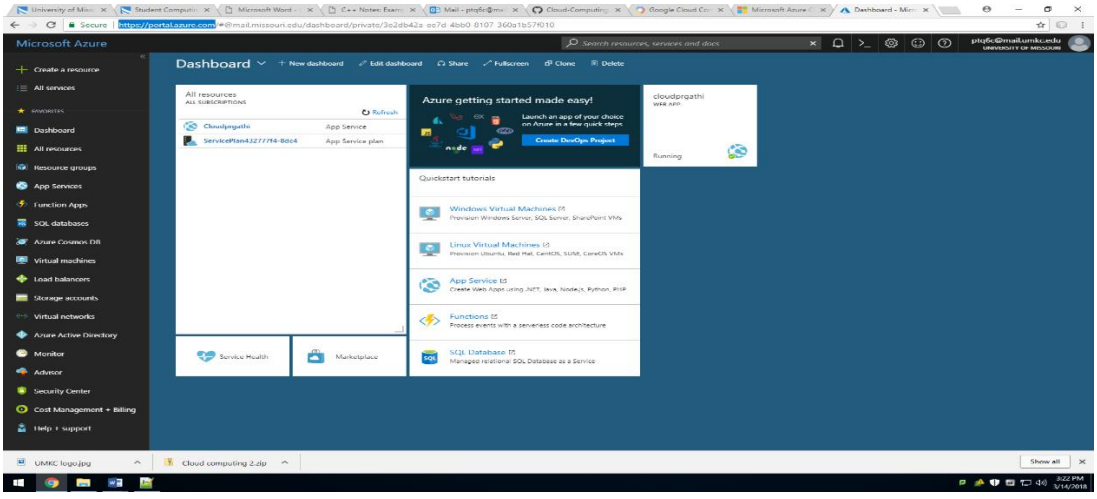
The below mentioned are the steps involved in deploying the web page:

a. Go to the URL https://portal.azure.com/
b. Login with the credentials (Microsoft)
c. Under New Section ,select the Web + Mobile and then created a new Web App
d. Under the deployment options ,choose One drive
e. A new folder has been created in OneDrive folder on the PC. Copied the index folder in to the Web App folder and synchronized the Web App
f. After the synchronization , a public URL was generated for the app
Output: https://cloudprgathi.azurewebsites.net/

a. Go to the URL https://portal.azure.com/ Screen shot:

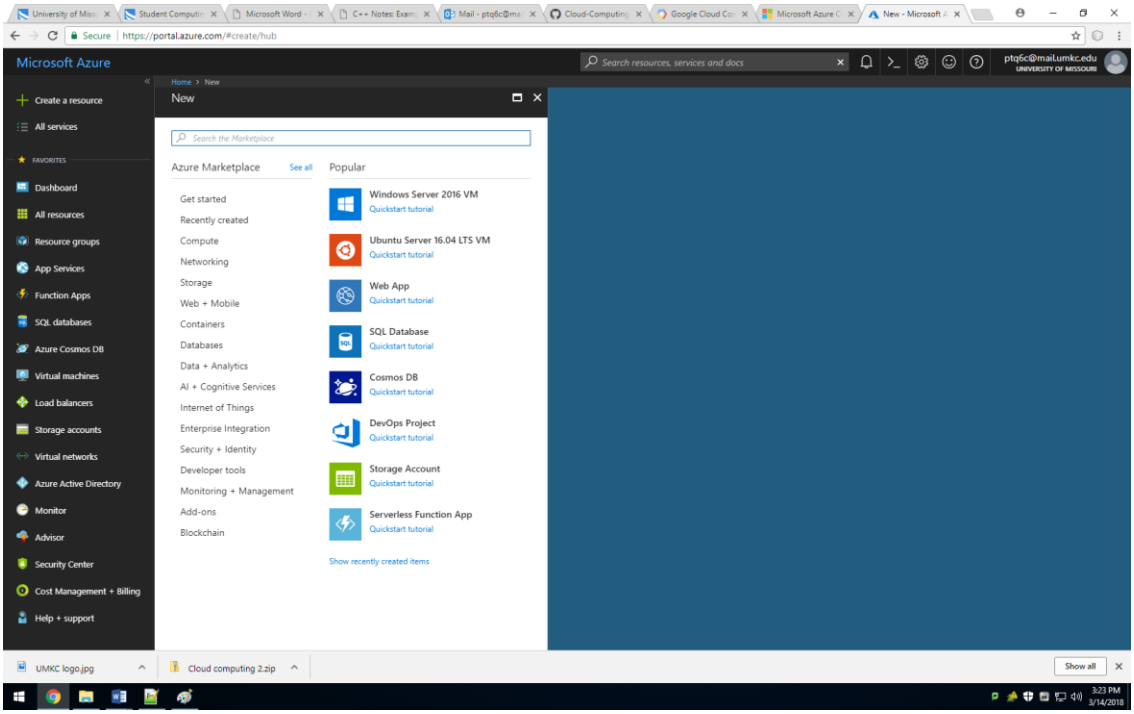


b. Login with the credentials (Microsoft)
Screen shot:



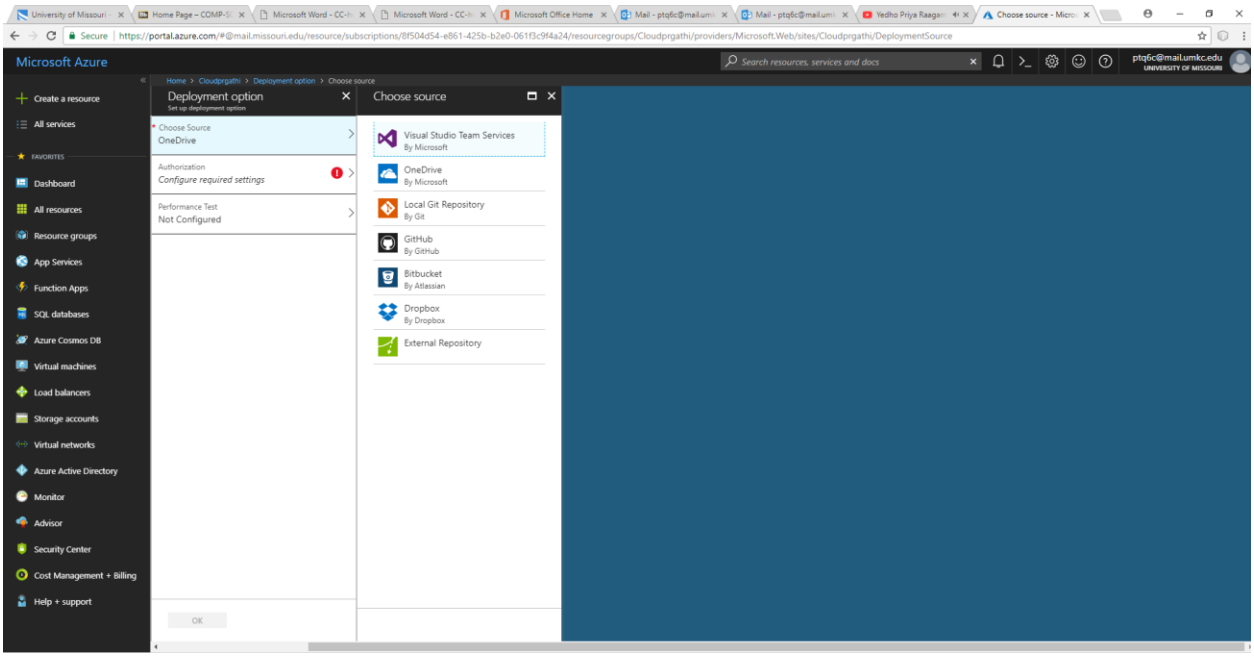
c. **Under New Section ,select the Web + Mobile and then created a new Web App**

Screen shot:



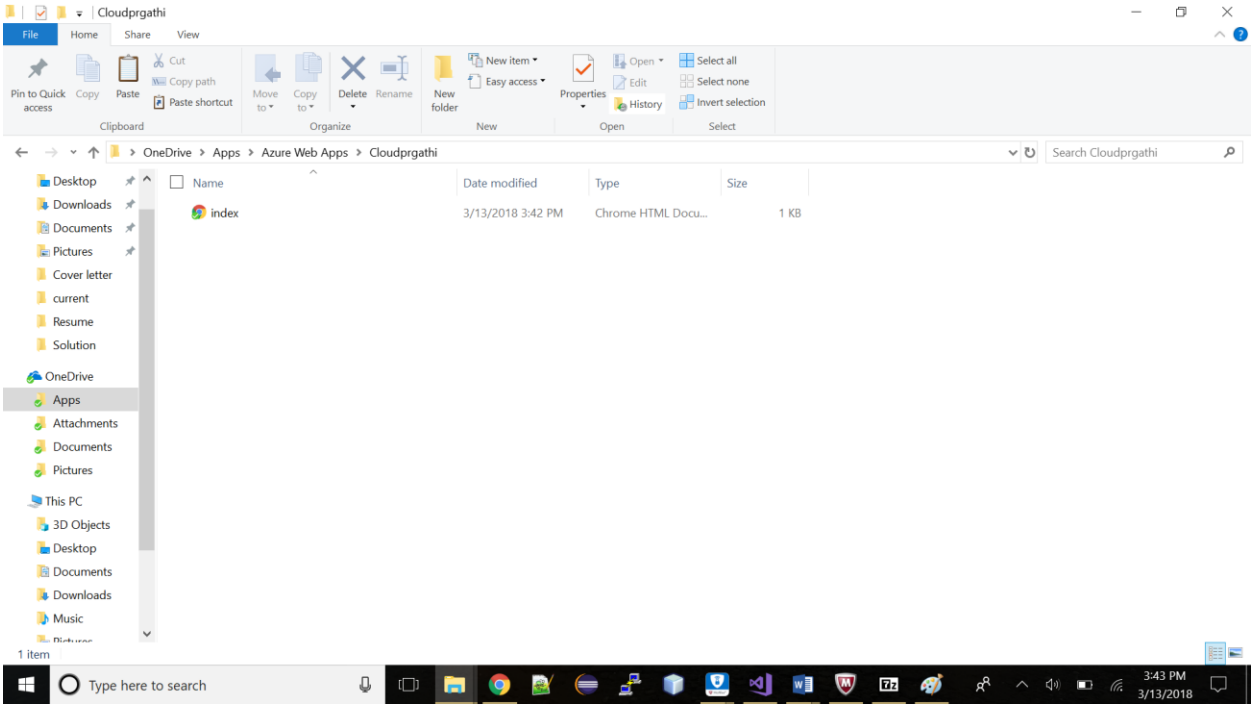
d. **Under the deployment options ,choose One drive**

Screen shot:



e. **A new folder has been created in OneDrive folder on the PC. Copied the index folder in to the Web App folder and synchronized the Web App**

Screen shot:



f. After the synchronization, a public URL was generated for the app

Screen shot:

Output: https://cloudprgathi.azurewebsites.net/

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Amazon Web Services:

For deploying to the static web page on to the amazon webservices below mentioned Steps were followed:

a. Go to URL https://console.aws.amazon.com/ (created user account)
b. Under the service section -Storage ->S3
c. Created a bucket and uploaded the static web page index.html with the region US (East-Ohio).
d. Under the properties section Static web hosting mentioned the Index document ->index.html and Error document ->404.html
e. To make the webpage public under the permissions section->Bucket policy mentioned the Json object, so that the endpoint is generated as

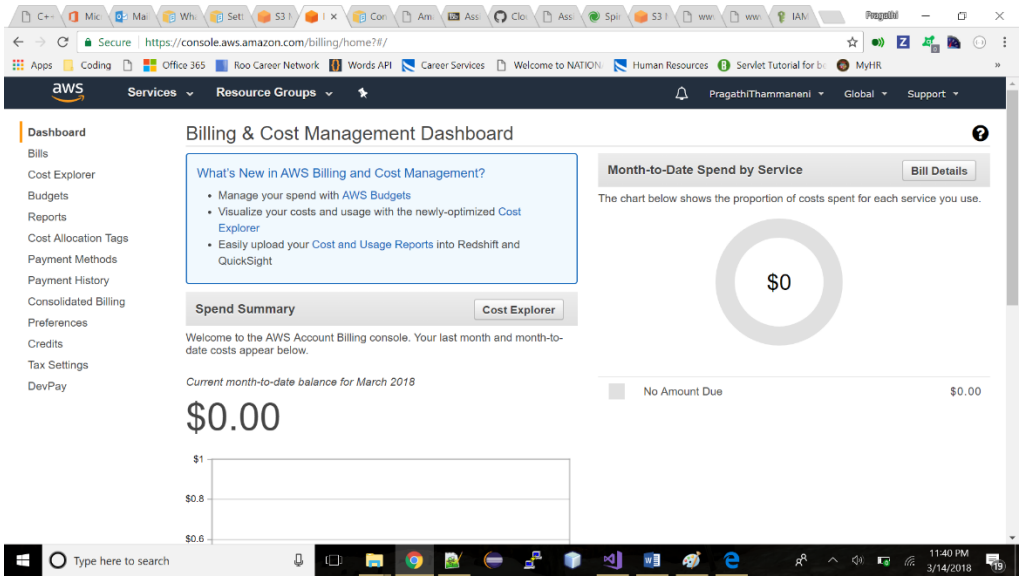
Output :http://www.cloudpragathi.com.s3-website.us-east-2.amazonaws.com/

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "PublicReadGetObject",
      "Effect": "Allow",
      "Principal": {
        "AWS": "*"
      },
      "Action": "s3:GetObject",
```

```
            "Resource": "arn:aws:s3:::www.cloudpragathi.com/*"
        }
    ]
}
```

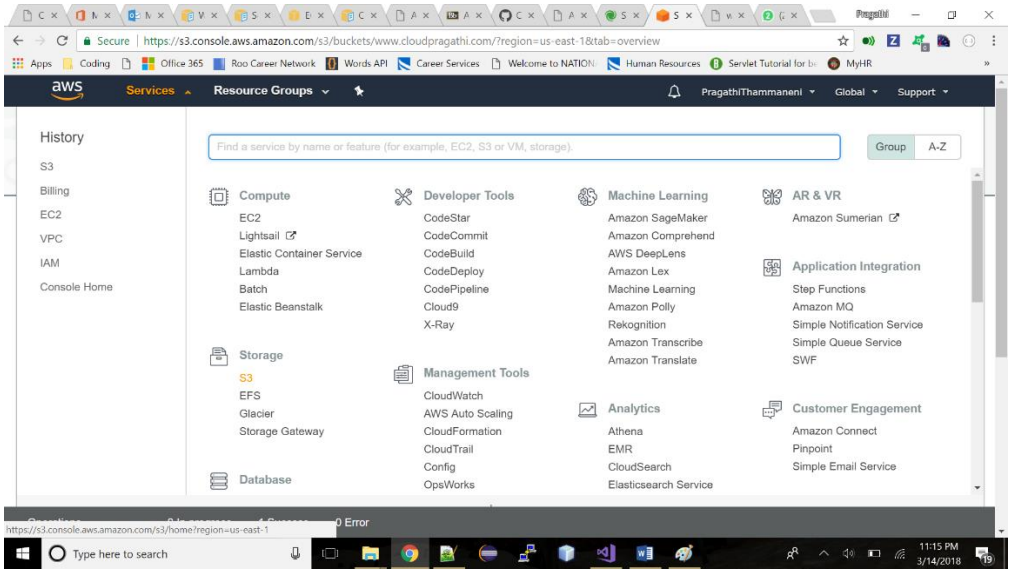
a. Go to URL https://console.aws.amazon.com/ (created user account)

Screenshot:



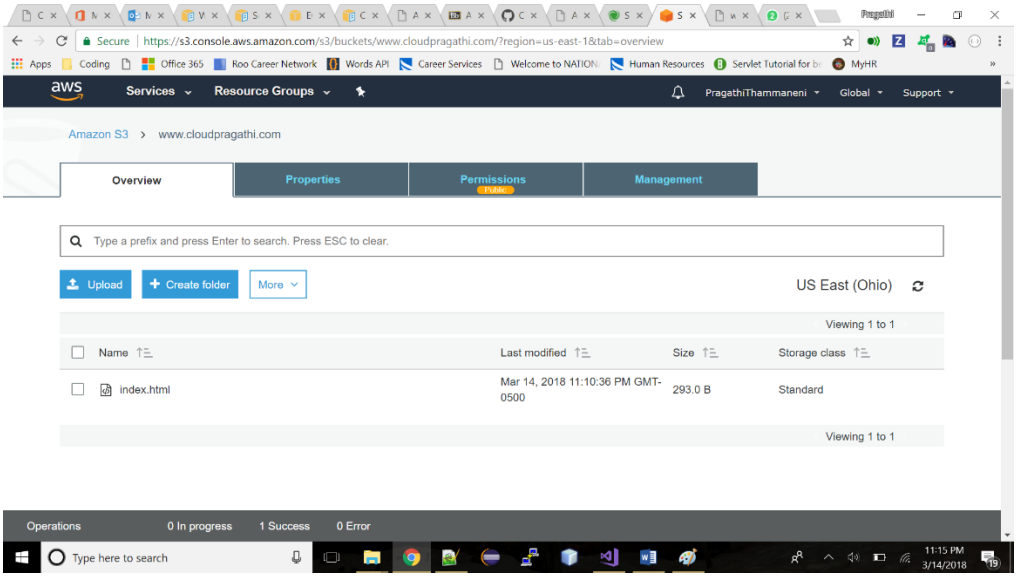
b. Under the service section -Storage ->S3

Screenshot:



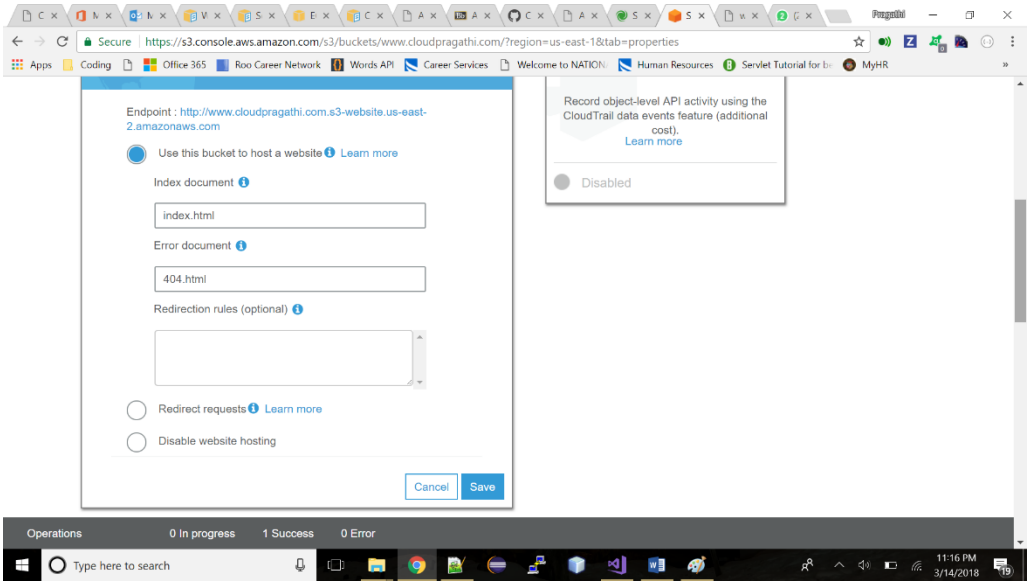
c. Created a bucket and uploaded the static web page index.html with the region US (East-Ohio)

Screenshot:



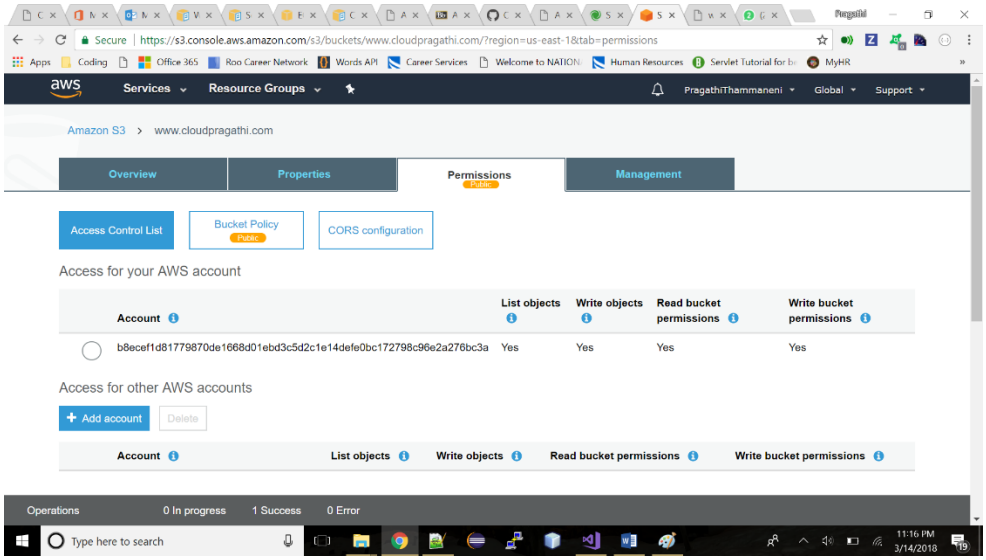
d. Under the properties section Static web hosting mentioned the Index document ->index.html and Error document ->404.html

Screenshot:



e. **To make the webpage public under the permissions section->Bucket policy mentioned the Json object, so that the endpoint is generated as**

Screenshot:



Output :http://www.cloudpragathi.com.s3-website.us-east-2.amazonaws.com/

Epilog:

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