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Electronic city Campus

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Department of Computer Science and Engineering

Cloud Computing Assignment – 03

**Introduction to AWS S3 (Simple Storage Service) and Hosting
a Static Website Using Amazon Simple Storage Service**

Name : Aditya Rajendra Khot

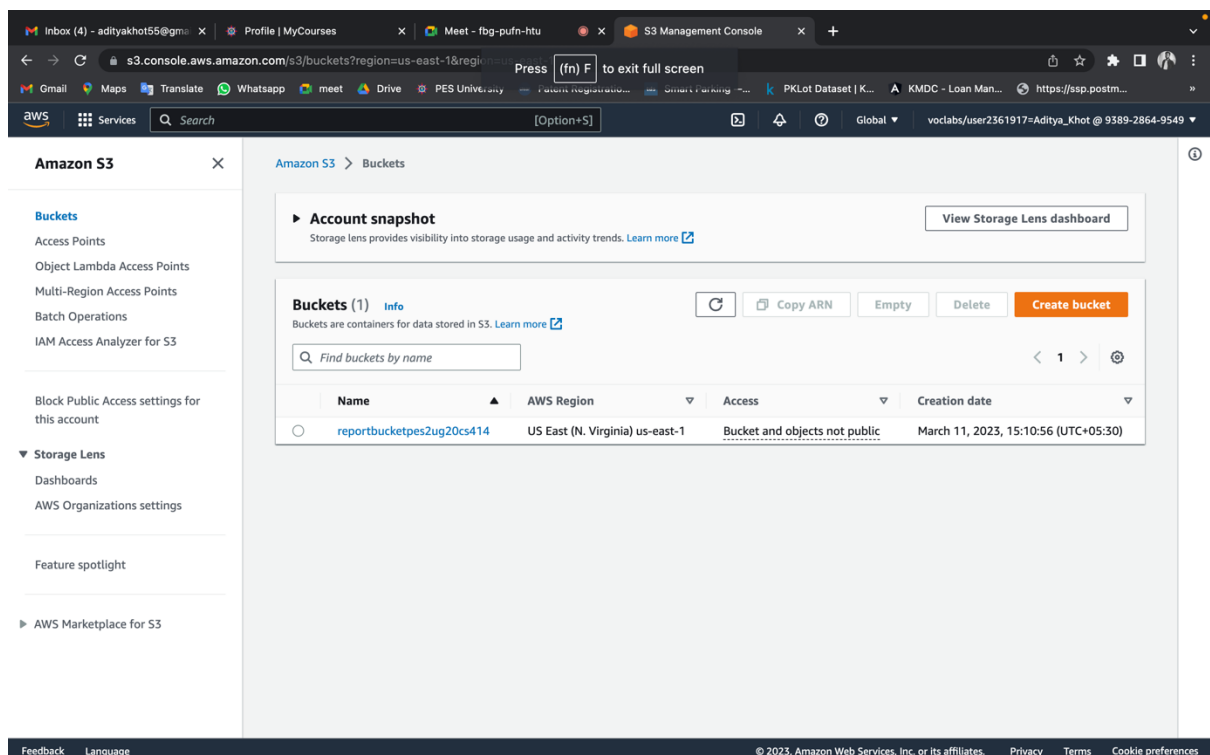
SRN : PES2UG20CS414

Section : 6G

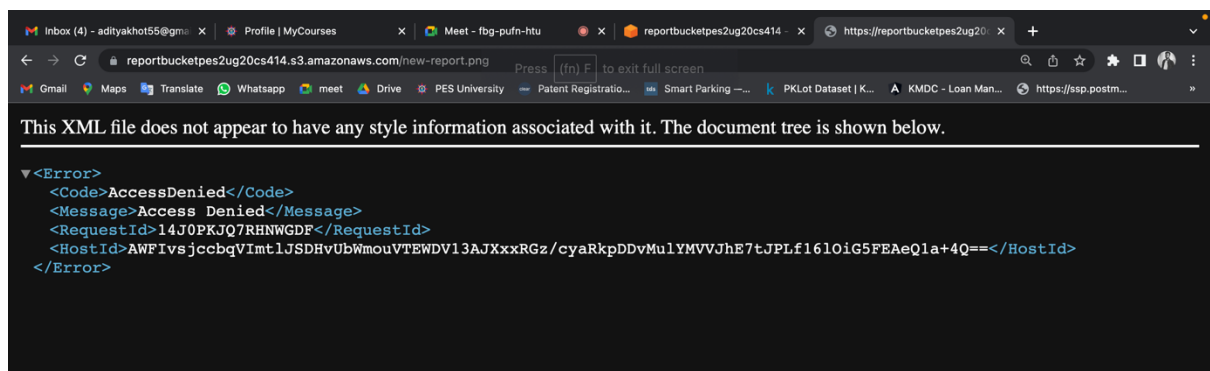
Introduction to AWS S3 (Simple Storage Service) and Hosting a Static Website Using Amazon Simple Storage Service

In Lab 1:

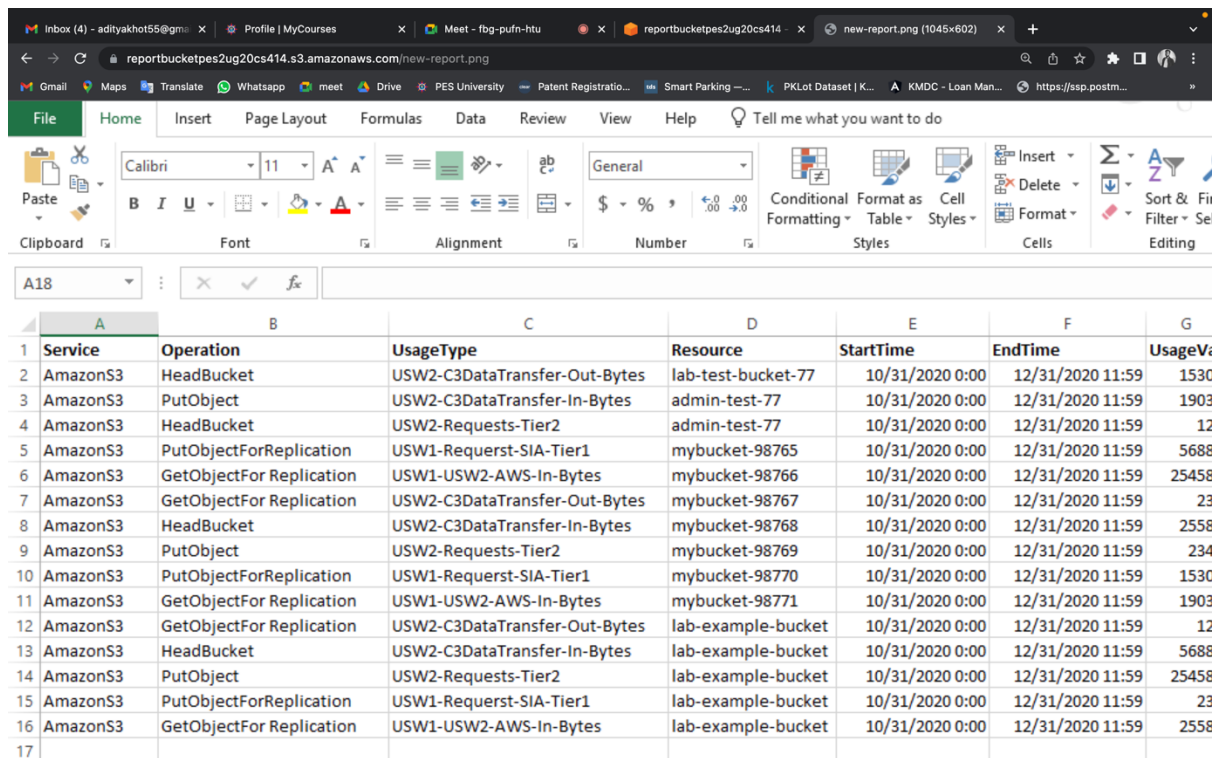
Screenshot 1a: Bucket Creation



Screenshot 1b: Access denied error when opening new-report.png

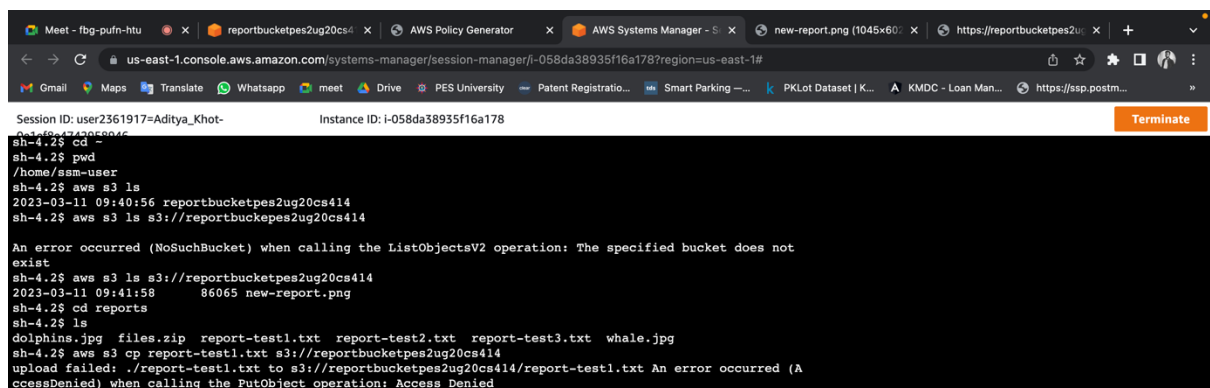


Screenshot 1c: Display new-report.png after making it publicly accessible



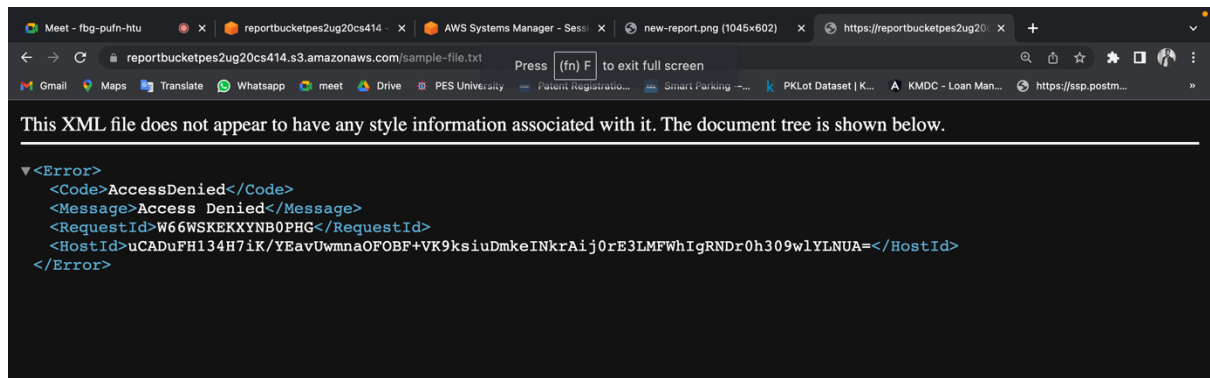
	A	B	C	D	E	F	G
1	Service	Operation	UsageType	Resource	StartTime	EndTime	UsageV
2	AmazonS3	HeadBucket	USW2-C3DataTransfer-Out-Bytes	lab-test-bucket-77	10/31/2020 0:00	12/31/2020 11:59	1530
3	AmazonS3	PutObject	USW2-C3DataTransfer-In-Bytes	admin-test-77	10/31/2020 0:00	12/31/2020 11:59	1903
4	AmazonS3	HeadBucket	USW2-Requests-Tier2	admin-test-77	10/31/2020 0:00	12/31/2020 11:59	12
5	AmazonS3	PutObjectForReplication	USW1-Requerst-SIA-Tier1	mybucket-98765	10/31/2020 0:00	12/31/2020 11:59	5688
6	AmazonS3	GetObjectFor Replication	USW1-USW2-AWS-In-Bytes	mybucket-98766	10/31/2020 0:00	12/31/2020 11:59	25458
7	AmazonS3	GetObjectFor Replication	USW2-C3DataTransfer-Out-Bytes	mybucket-98767	10/31/2020 0:00	12/31/2020 11:59	23
8	AmazonS3	HeadBucket	USW2-C3DataTransfer-In-Bytes	mybucket-98768	10/31/2020 0:00	12/31/2020 11:59	2558
9	AmazonS3	PutObject	USW2-Requests-Tier2	mybucket-98769	10/31/2020 0:00	12/31/2020 11:59	234
10	AmazonS3	PutObjectForReplication	USW1-Requerst-SIA-Tier1	mybucket-98770	10/31/2020 0:00	12/31/2020 11:59	1530
11	AmazonS3	GetObjectFor Replication	USW1-USW2-AWS-In-Bytes	mybucket-98771	10/31/2020 0:00	12/31/2020 11:59	1903
12	AmazonS3	GetObjectFor Replication	USW2-C3DataTransfer-Out-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	12
13	AmazonS3	HeadBucket	USW2-C3DataTransfer-In-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	5688
14	AmazonS3	PutObject	USW2-Requests-Tier2	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	25458
15	AmazonS3	PutObjectForReplication	USW1-Requerst-SIA-Tier1	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	23
16	AmazonS3	GetObjectFor Replication	USW1-USW2-AWS-In-Bytes	lab-example-bucket	10/31/2020 0:00	12/31/2020 11:59	2558
17							

Screenshot 1d: PutObject operation failed (Access Denied)

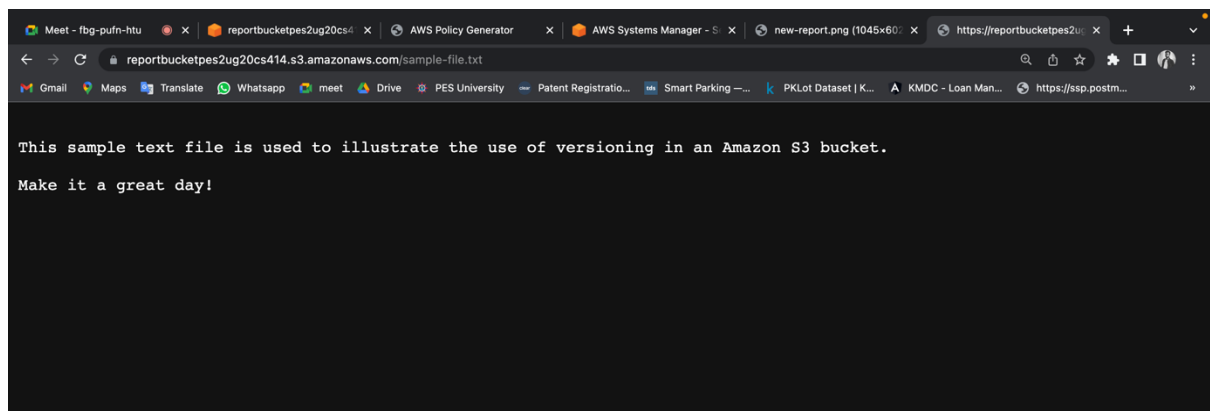


```
Session ID: userZ361917=Aditya_Khot- Instance ID: i-058da38935f16a178
sh-4.2$ cd -
sh-4.2$ pwd
/home/ssm-user
sh-4.2$ aws s3 ls
2023-03-11 09:40:56 reportbucketpes2ug20cs414
sh-4.2$ aws s3 ls s3://reportbucketpes2ug20cs414
An error occurred (NoSuchBucket) when calling the ListObjectsV2 operation: The specified bucket does not exist
sh-4.2$ aws s3 ls s3://reportbucketpes2ug20cs414
2023-03-11 09:41:58      86065 new-report.png
sh-4.2$ cd reports
sh-4.2$ ls
dolphins.jpg files.zip report-test1.txt report-test2.txt report-test3.txt whale.jpg
sh-4.2$ aws s3 cp report-test1.txt s3://reportbucketpes2ug20cs414
upload failed: ./report-test1.txt to s3://reportbucketpes2ug20cs414/report-test1.txt An error occurred (AccessDenied) when calling the PutObject operation: Access Denied
```

Screenshot 1e: Access denied error when opening sample-file.txt

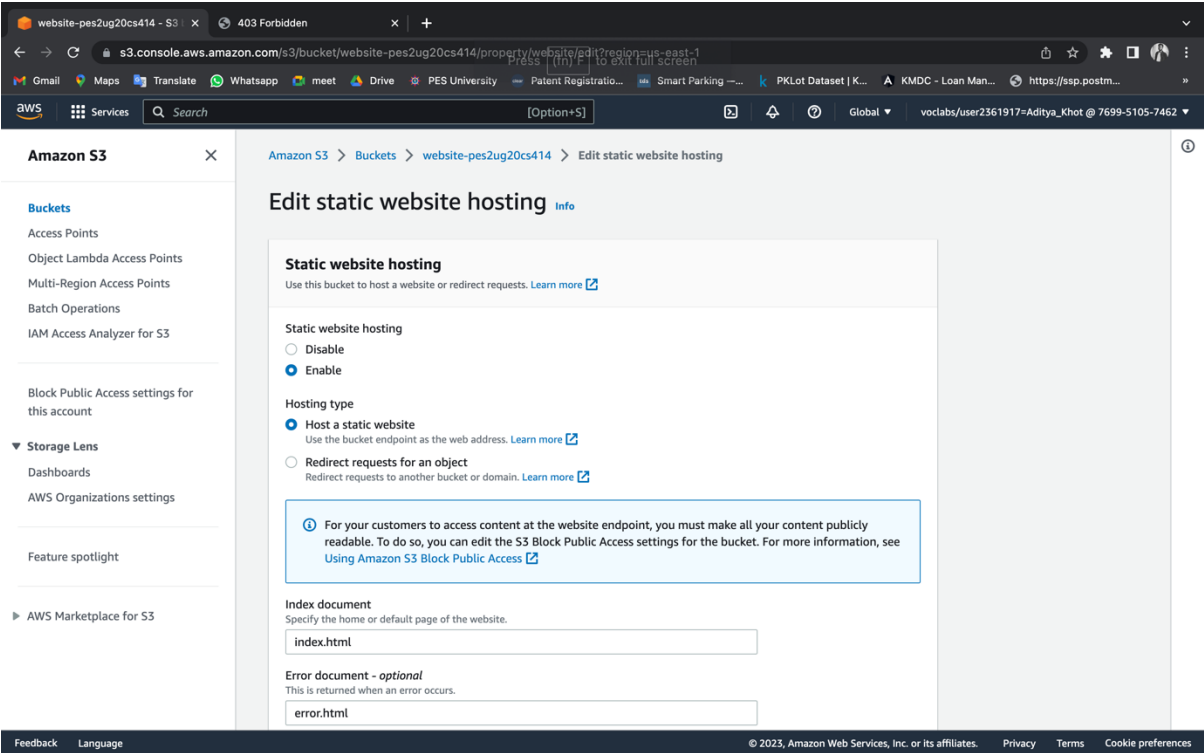


Screenshot 1f: Display sample-file.txt after updating policy

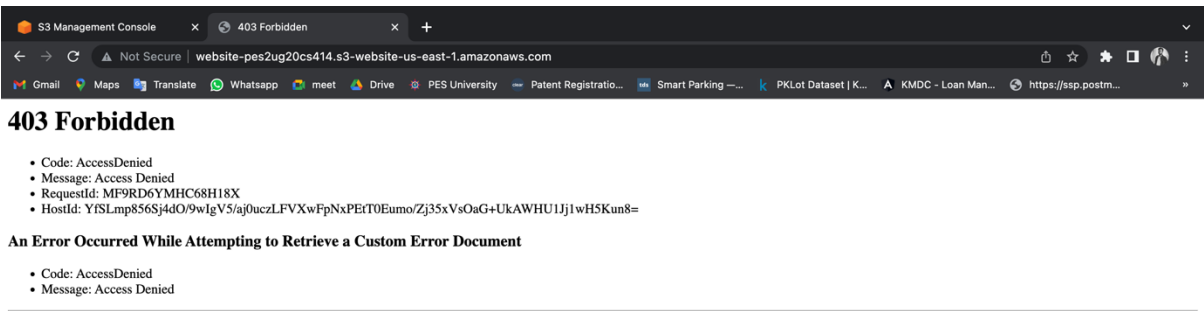


In Lab 7:

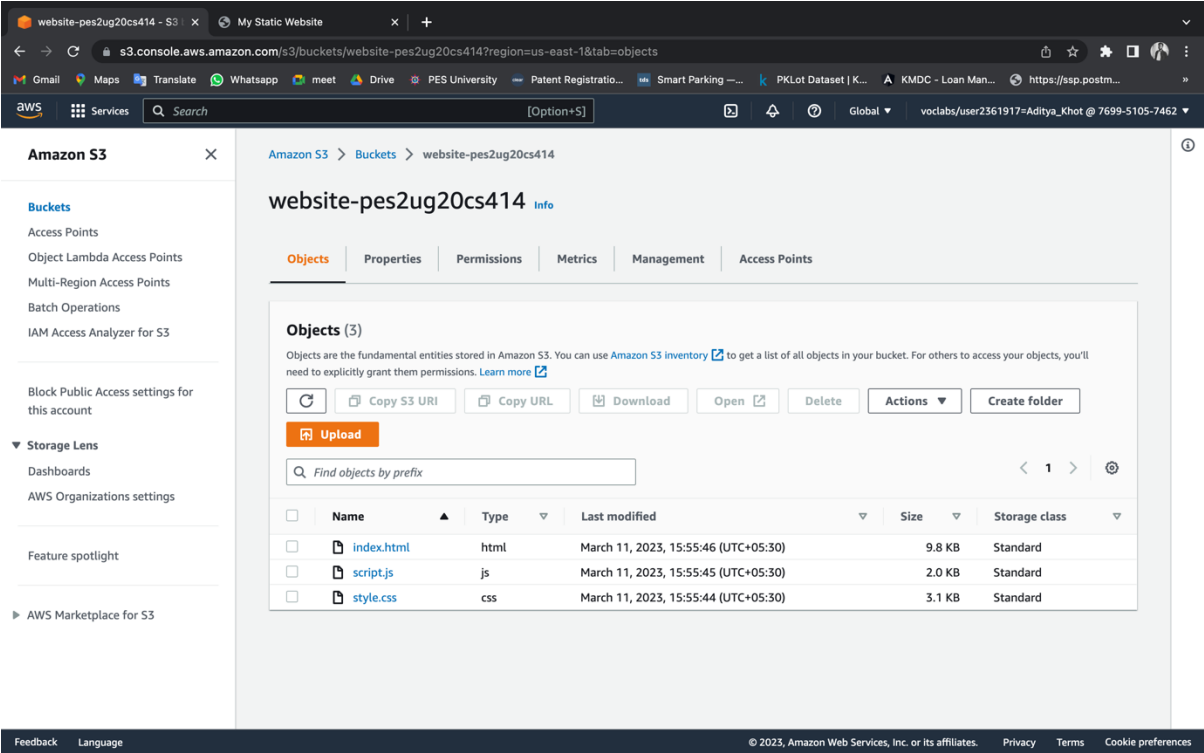
Screenshot 2a: Enabled static website option selected under “Edit static website hosting”



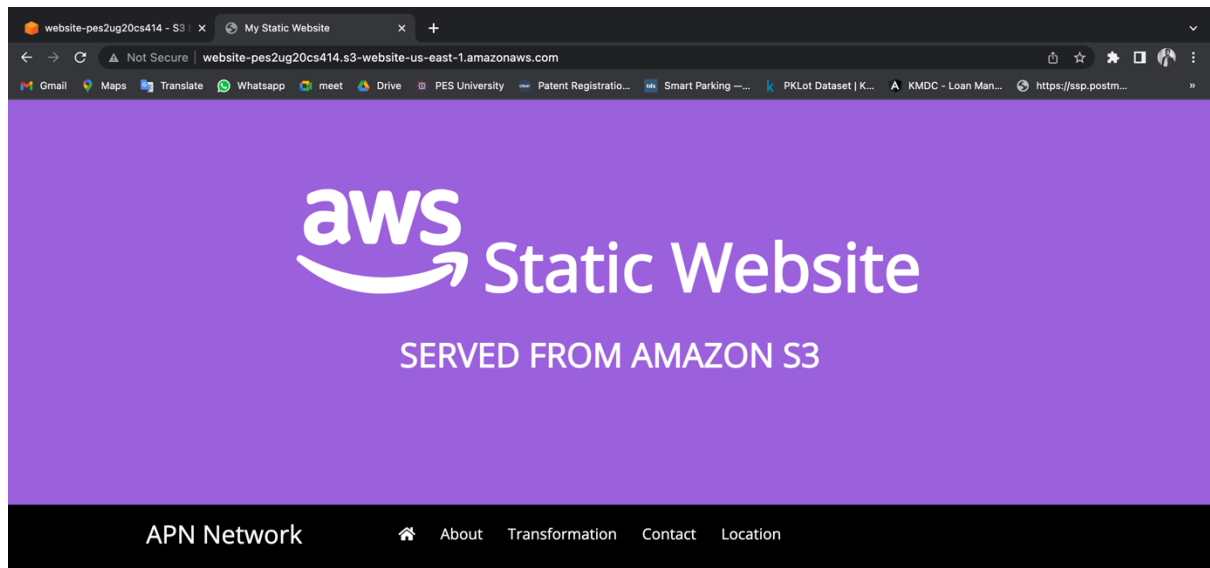
Screenshot 2b: 403 Forbidden Error page



Screenshot 2c: Uploaded objects (index.html, script.js, style.css)



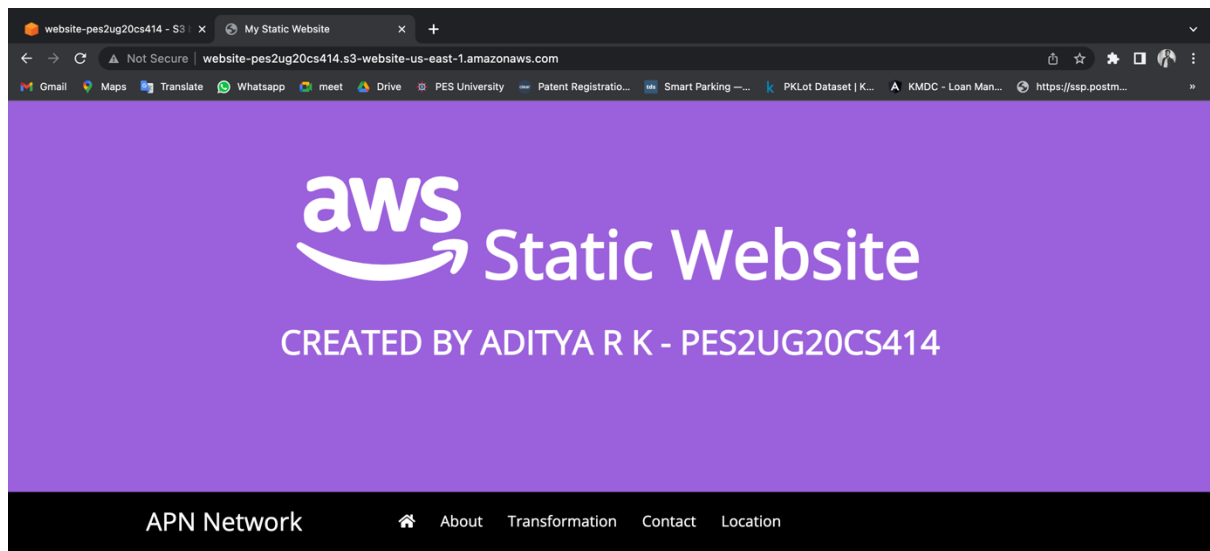
Screenshot 2d: Static website before modifying index.html file



ABOUT US

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Screenshot 2e: Static website after modifying index.html file



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