Cloud Computing Assignment 5 Report

PES1UG19CS592
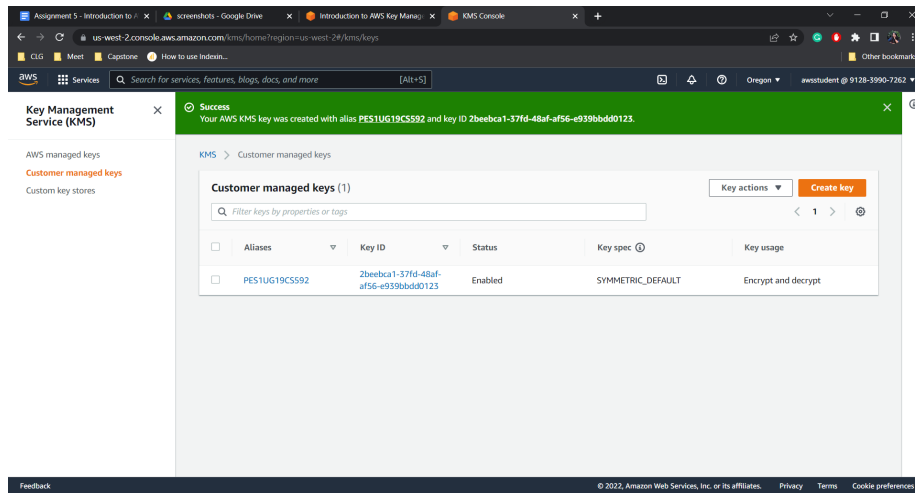
Yashi Chawla

1 Creating KMS Master Key

Figure 1: KMS Key created

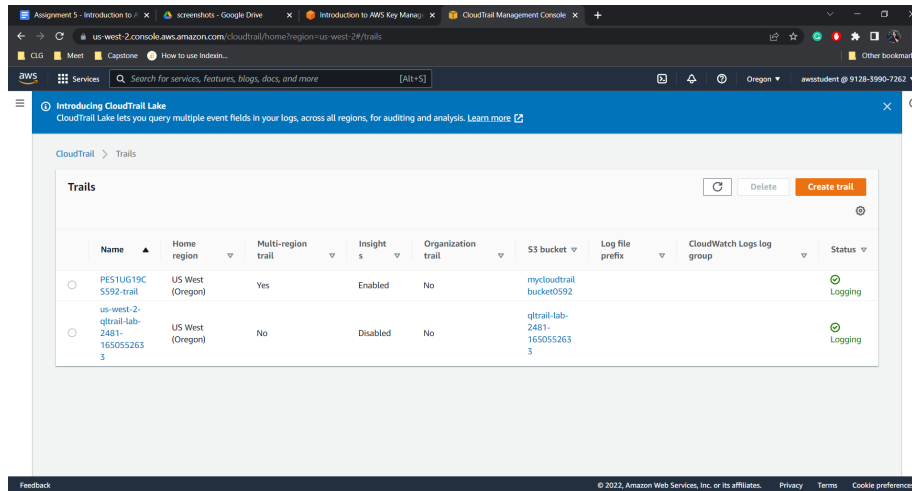# 2 Configure CloudTrail to store logs to S3 bucket

Figure 2: Configured cloudtrail
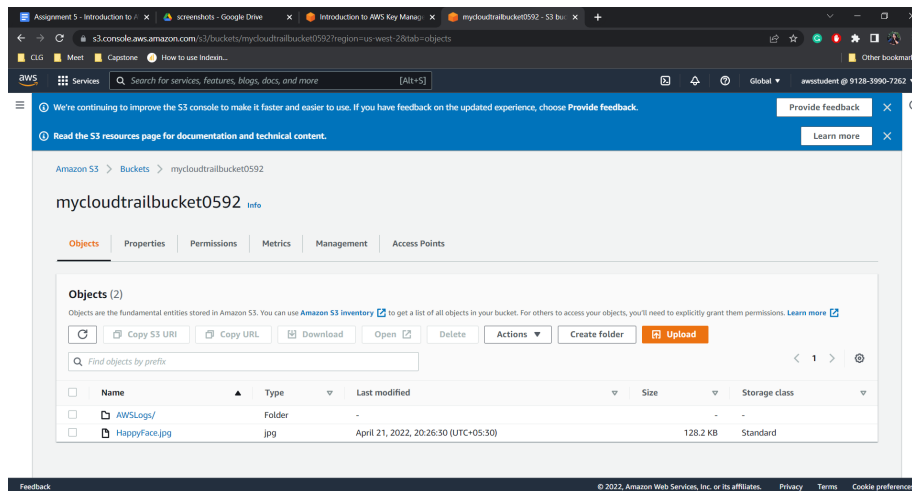
3 Upload image to S3 and encrypt

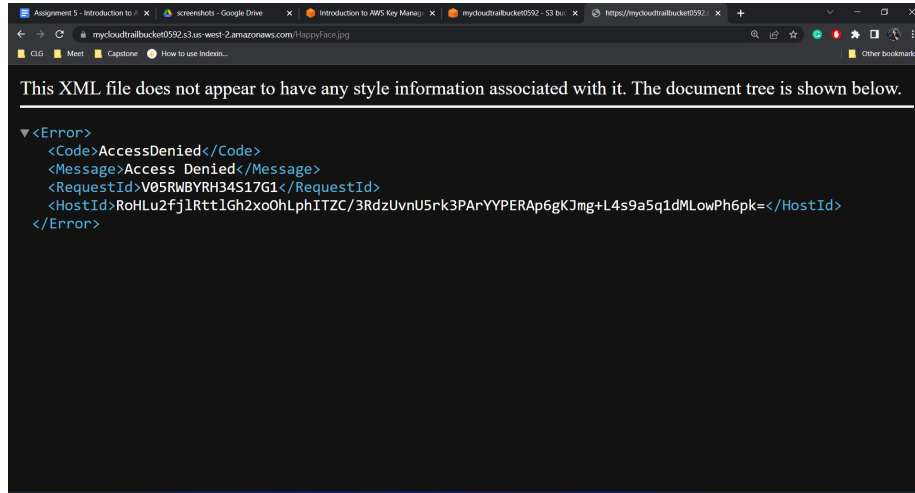Figure 3: Image uploaded

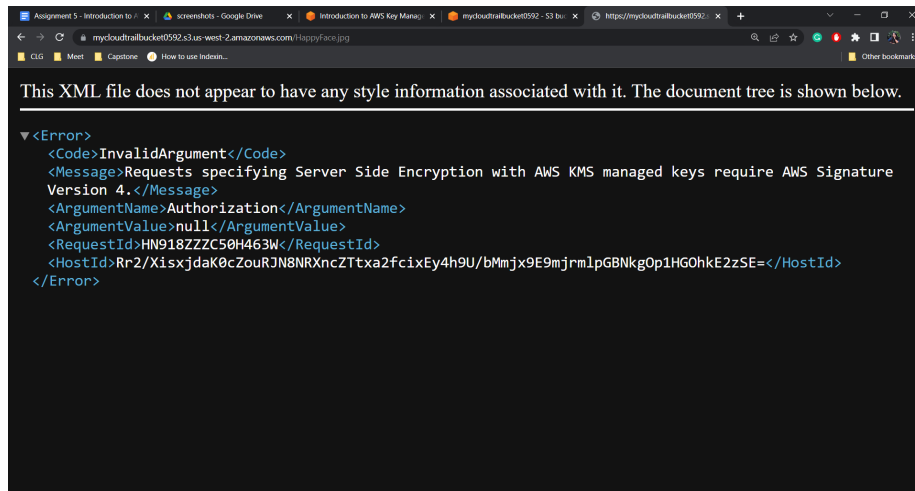# 4 Access the encrypted image

Figure 4: Access denied

Figure 5: Requests specifying Server Side Encryption with AWS KMS managed keys require AWS Signature Version 4

5   Monitor KMS activity using CloudTrail logs

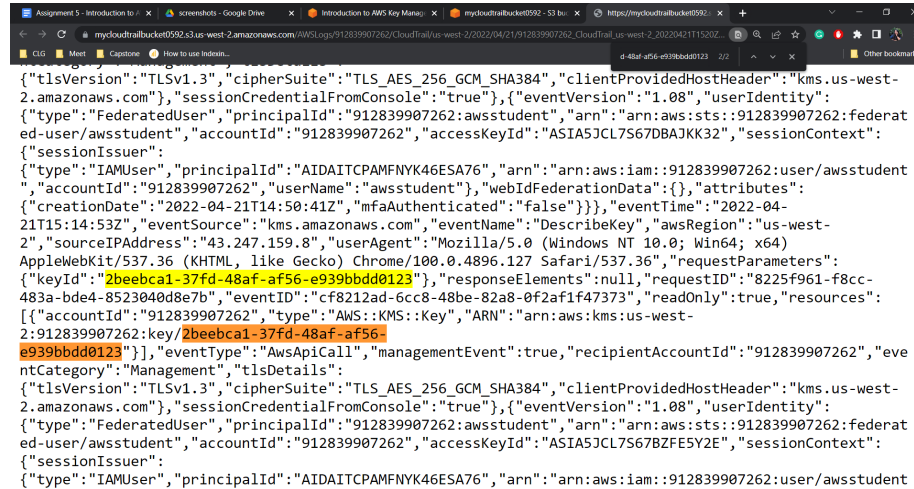
Figure 6: key-id being present in the json
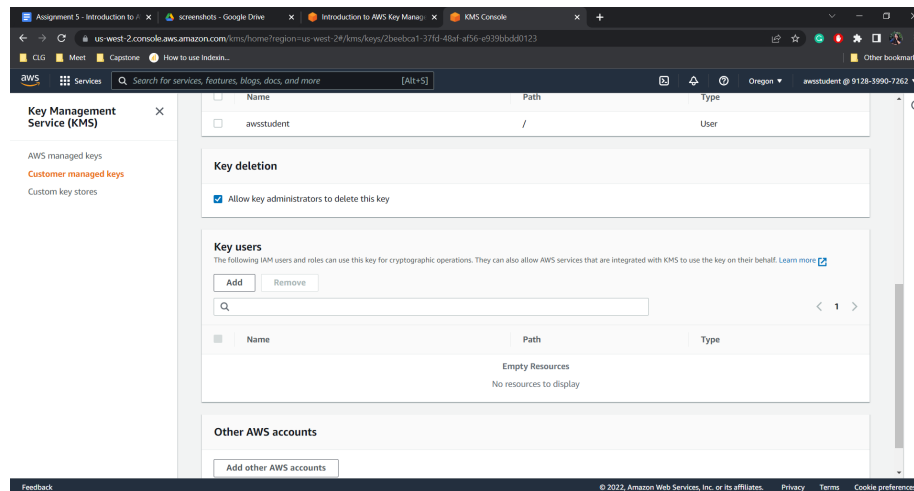
6   Manage encryption keys
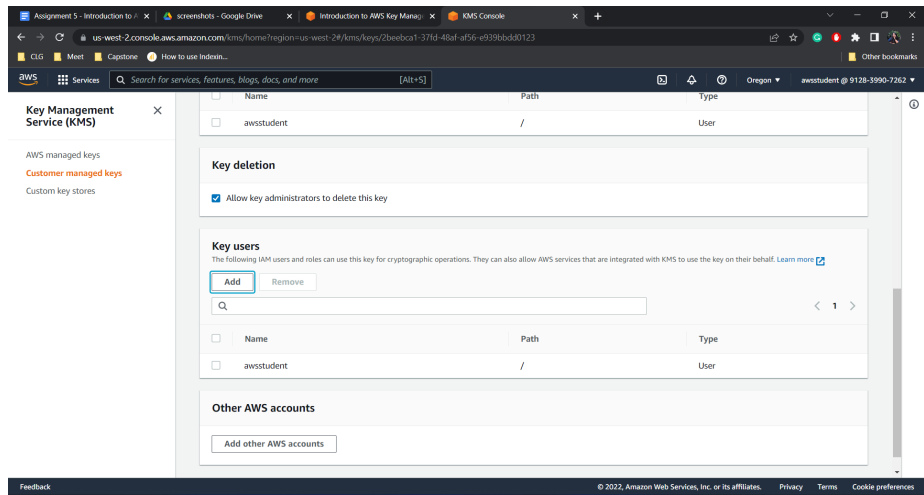

Figure 7: state of key users after the user has been removed

Figure 8: state of key users after the user has been added