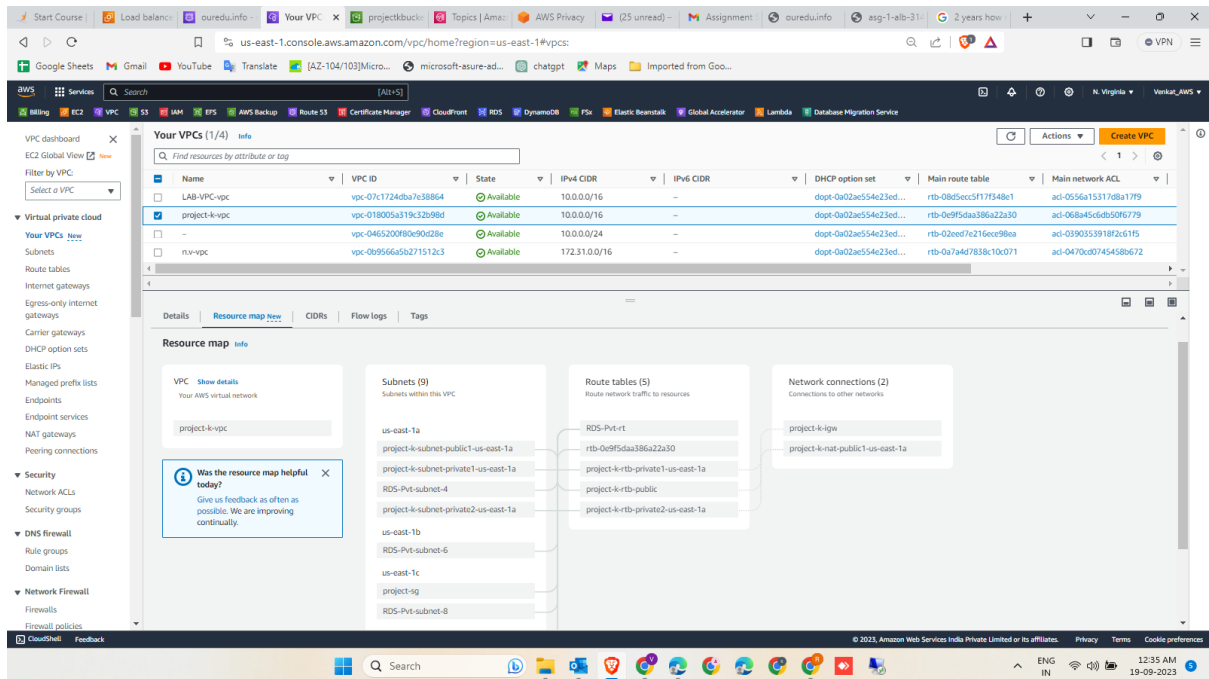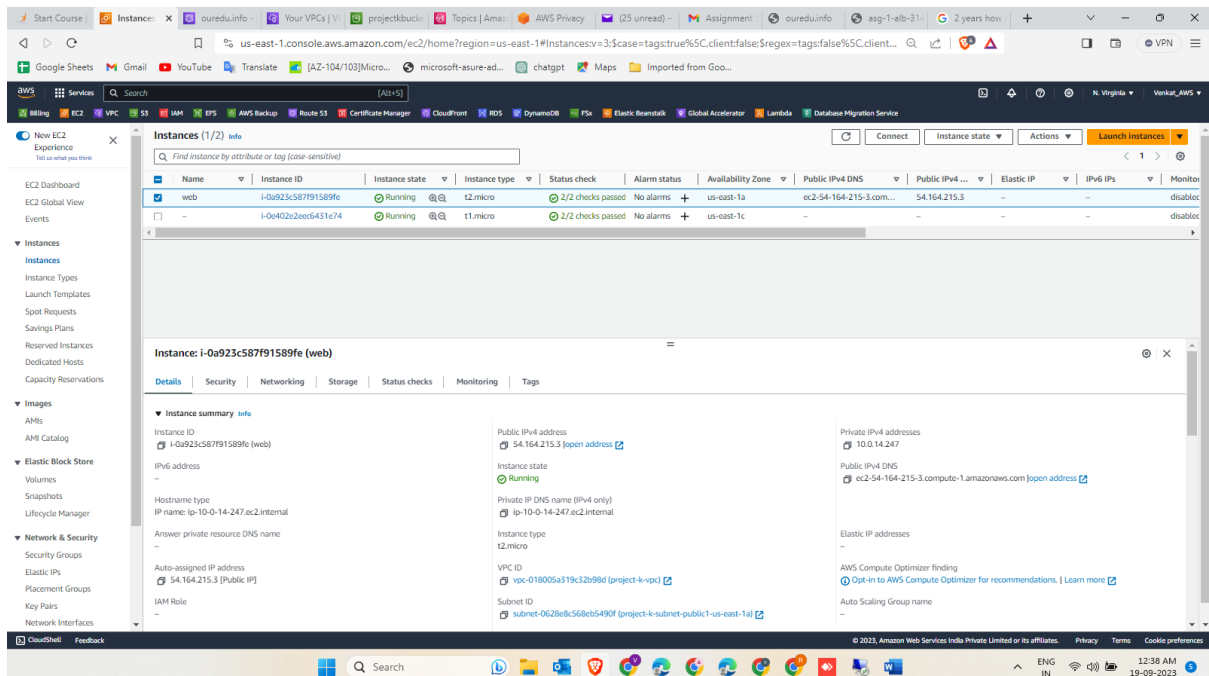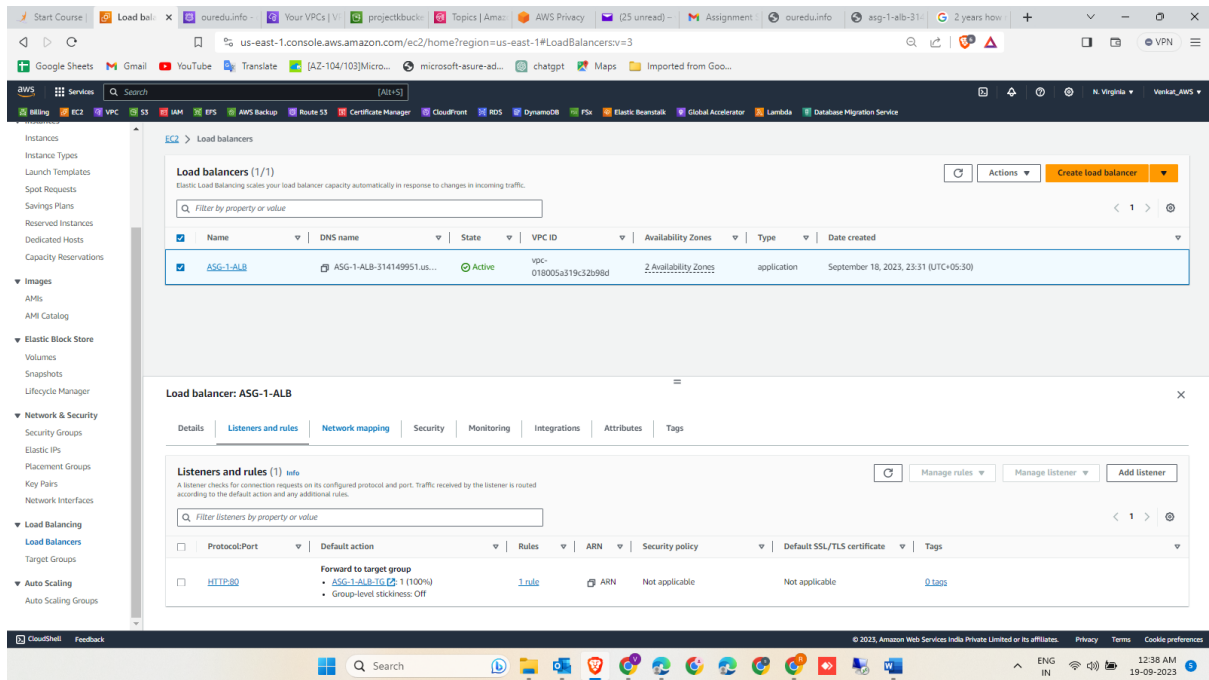# AWS Capstone Project

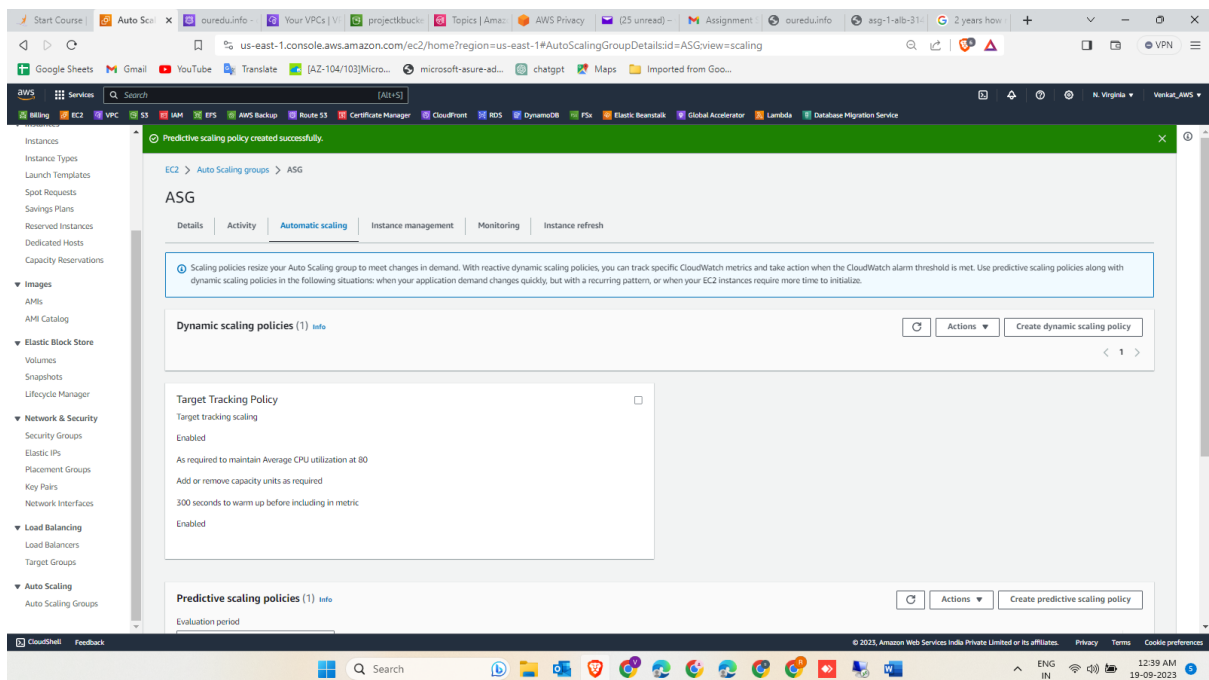1. Created VPC.



2. Launched an EC2 Instance.

# AWS Capstone Project

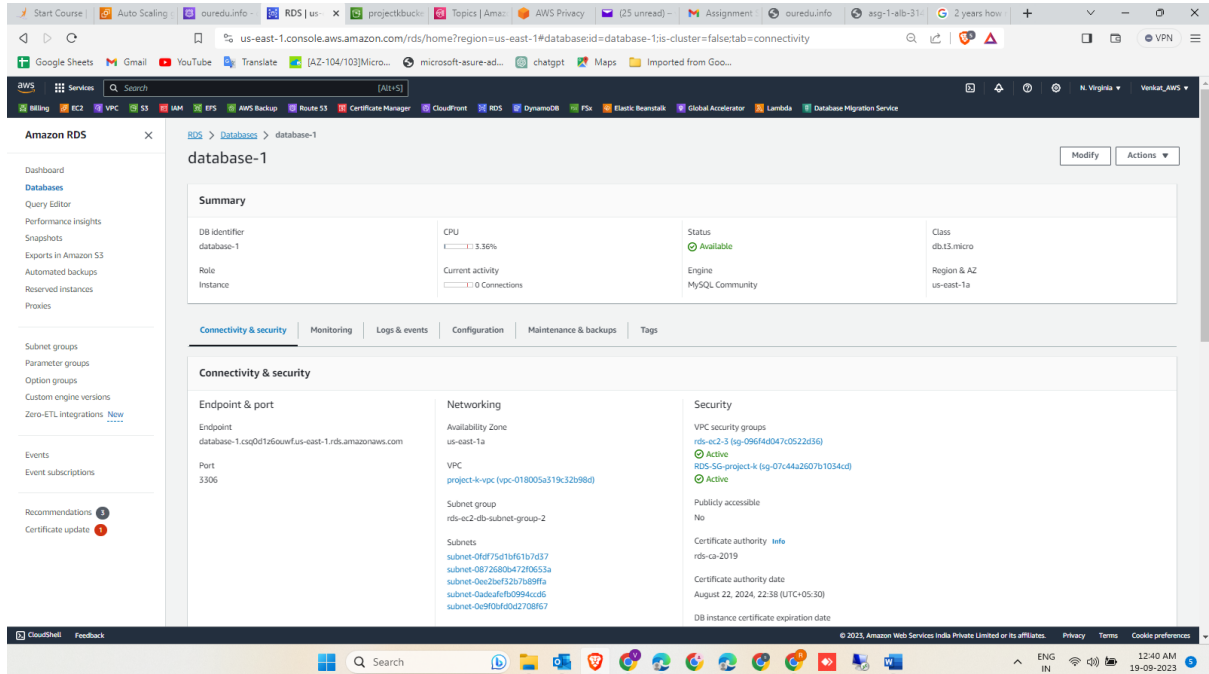3. Created a load balancer to distribute traffic to the front-end UI servers.



4. Auto scaling group has created. Configured scaling policies to scale the Auto Scaling groups up or down based on demand.
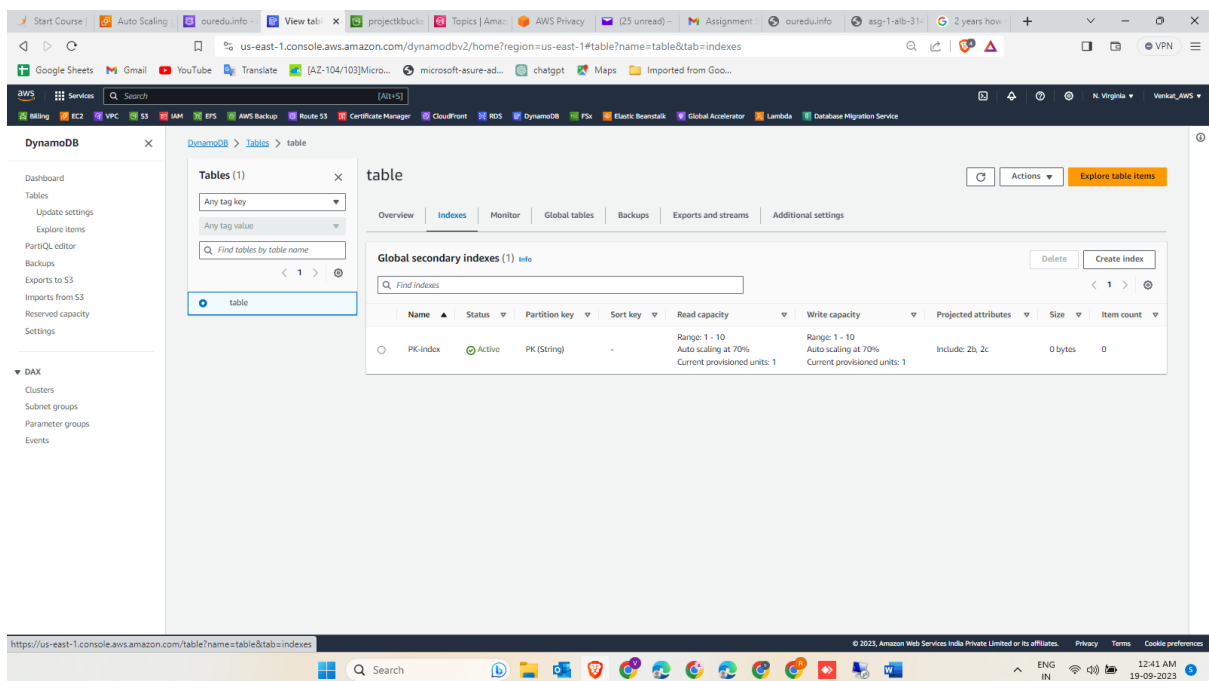
# AWS Capstone Project

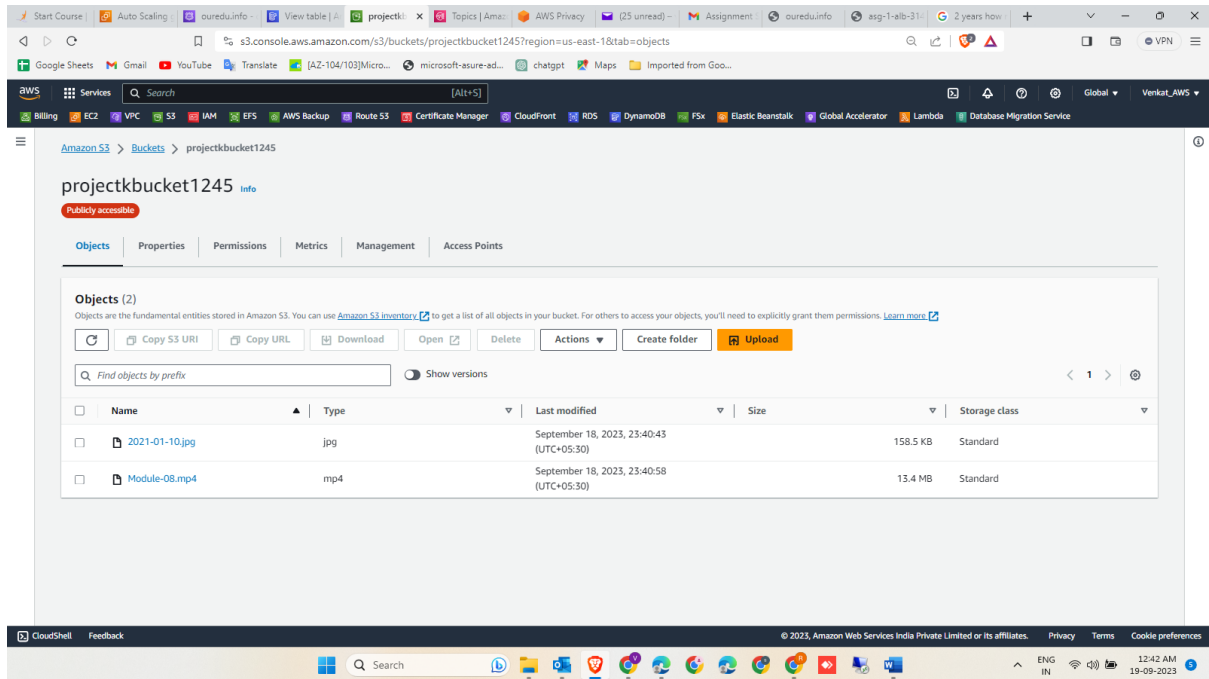5. RDS has been created. RDS DB instance to store transactional data.



6. Dynamo DB created. It will store metadata information about videos and photos.
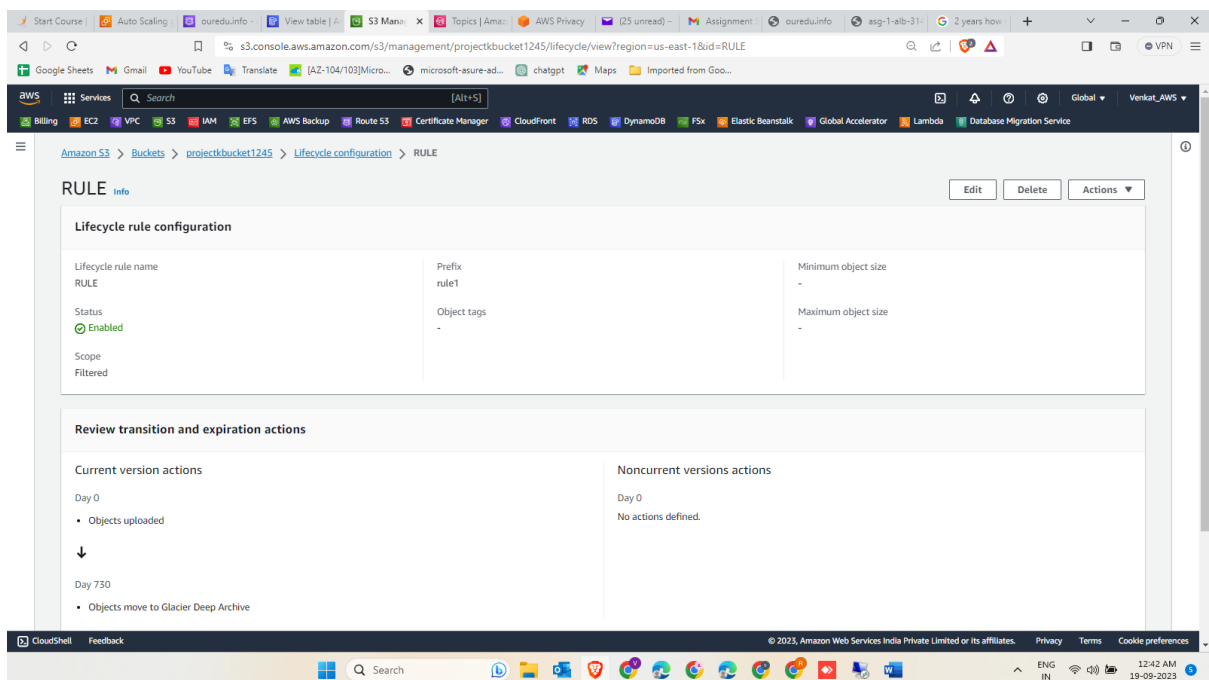
# AWS Capstone Project

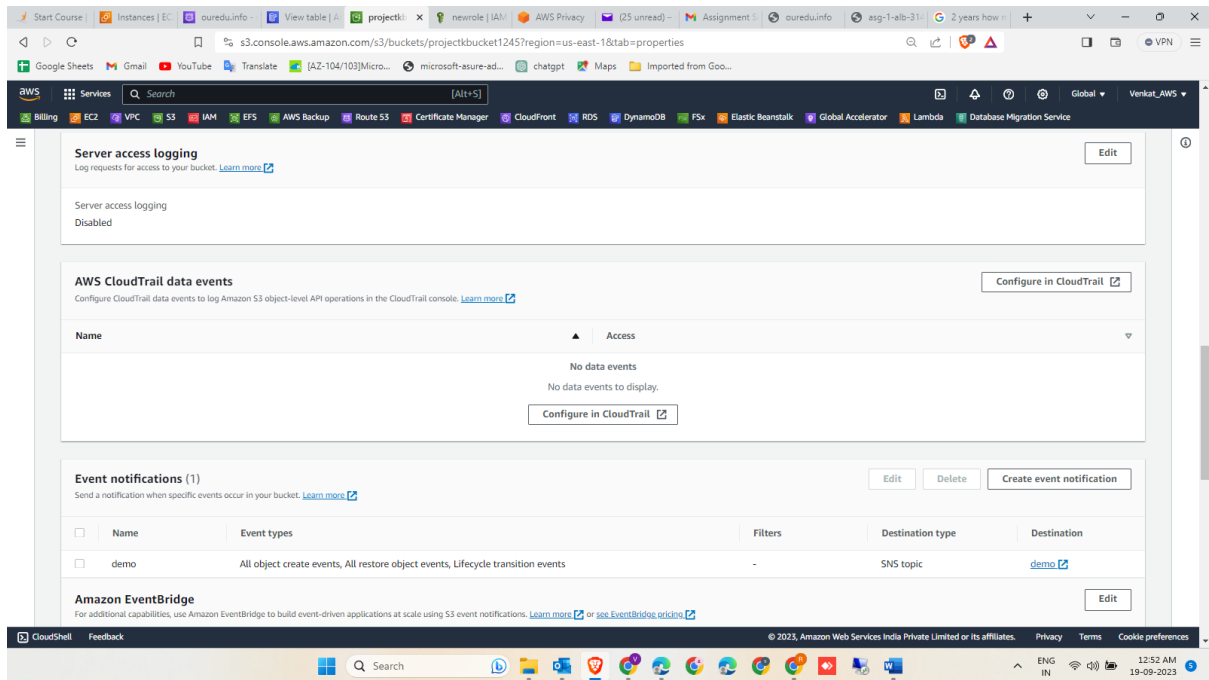7. S3 will store photos and videos.



8. S3 lifecycle policies to archive photos and videos older than 2 years to Glacier.
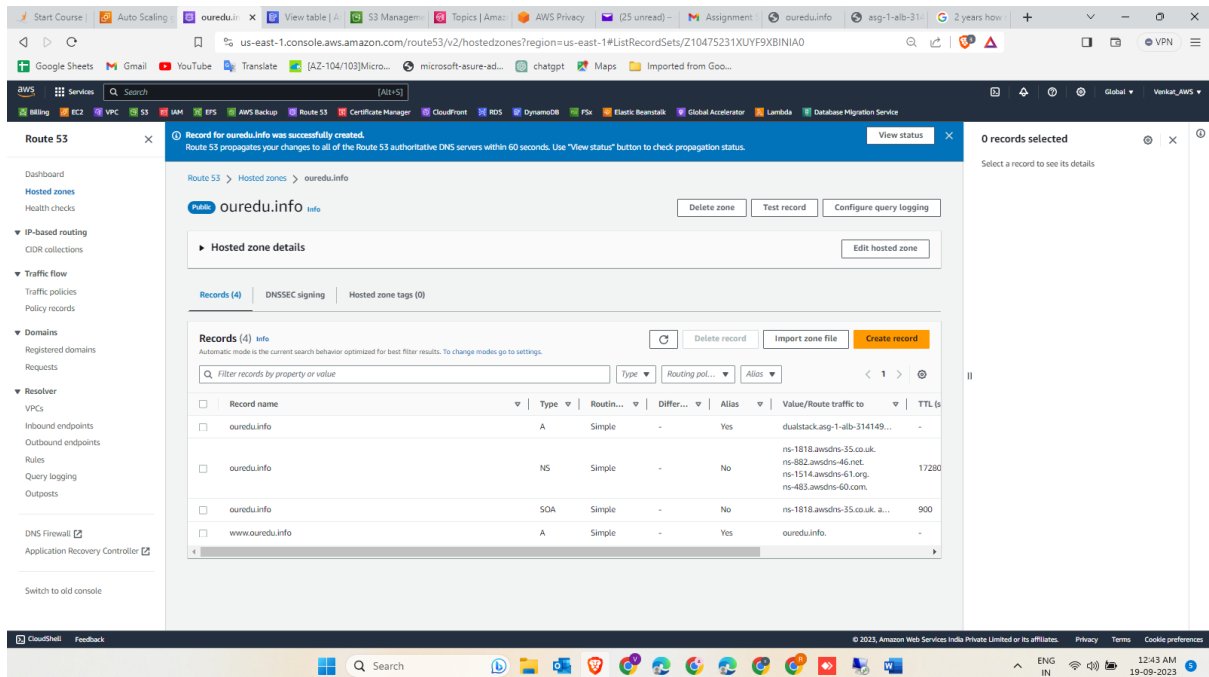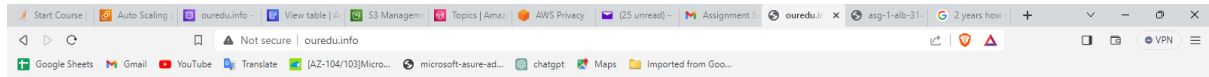
# AWS Capstone Project

9.  Used SNS to send email notifications to customers when they upload a photo or video.



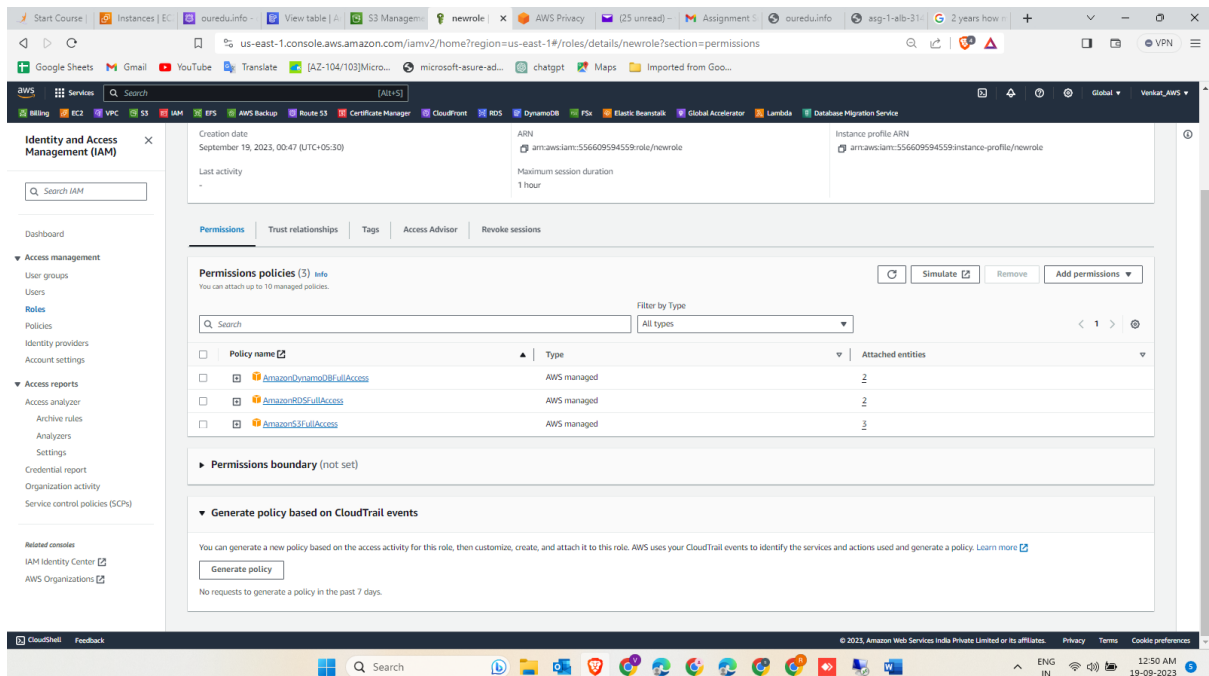10. Created a Route 53 record to pointed to the load balancer's DNS name.

# AWS Capstone Project



**It works!**

11. Granted IAM users and roles the permissions they need to perform their tasks.

# AWS Capstone Project

12. Used an ElastiCache cluster to cache frequently accessed data from the RDS DB instance.