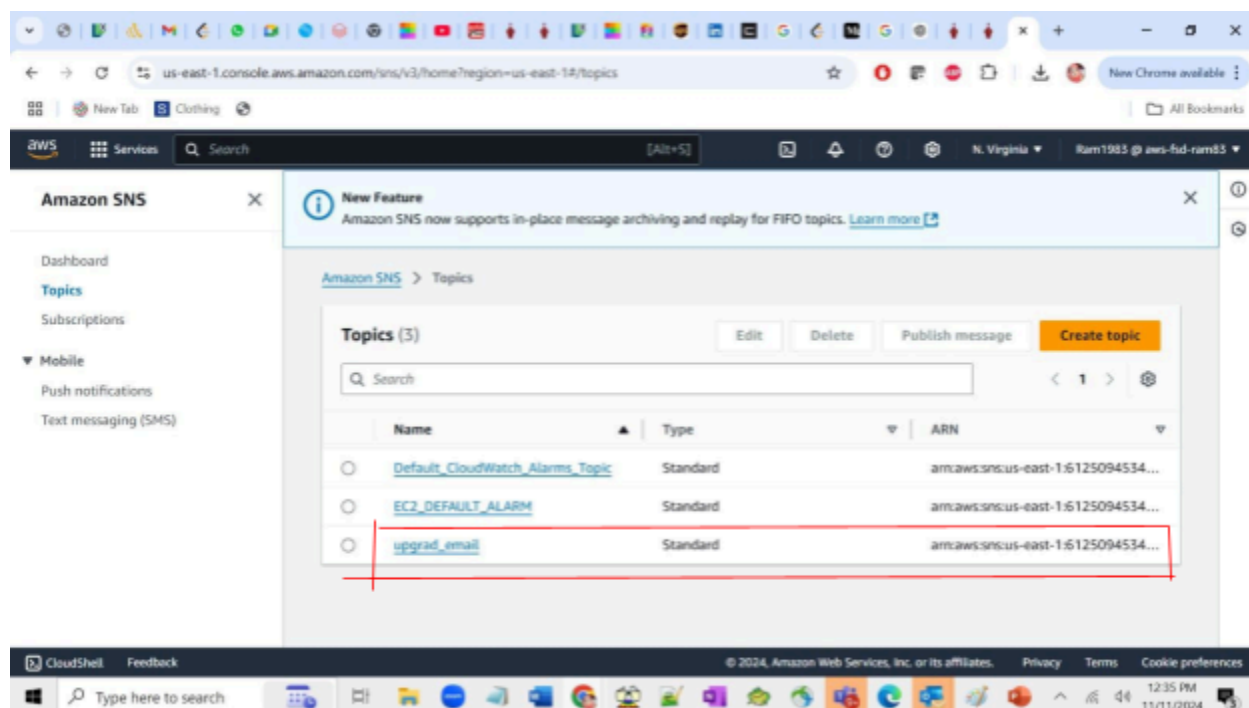


# Capstone Project: Instant Health Alert System - Final-Project Submission

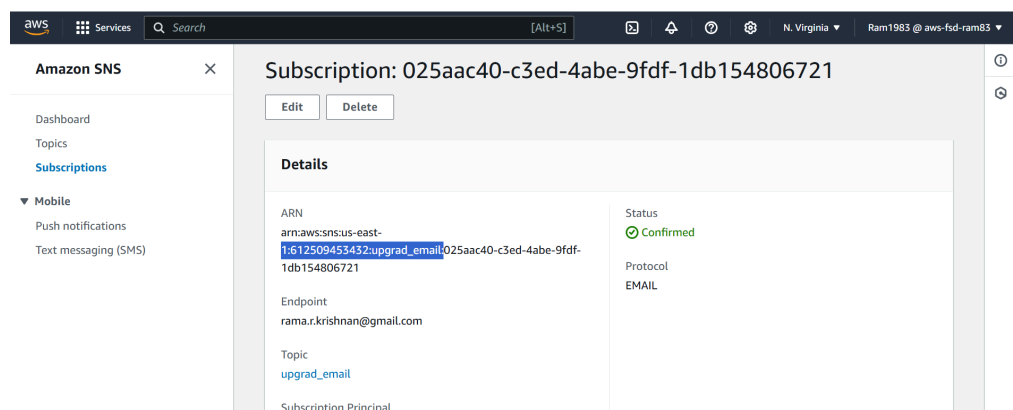
## Introduction:

This document offers an overview and a step-by-step guide for setting up and utilizing the SNS service within the AWS ecosystem, enabling notifications to alert end users when there are updates or alerts for them.

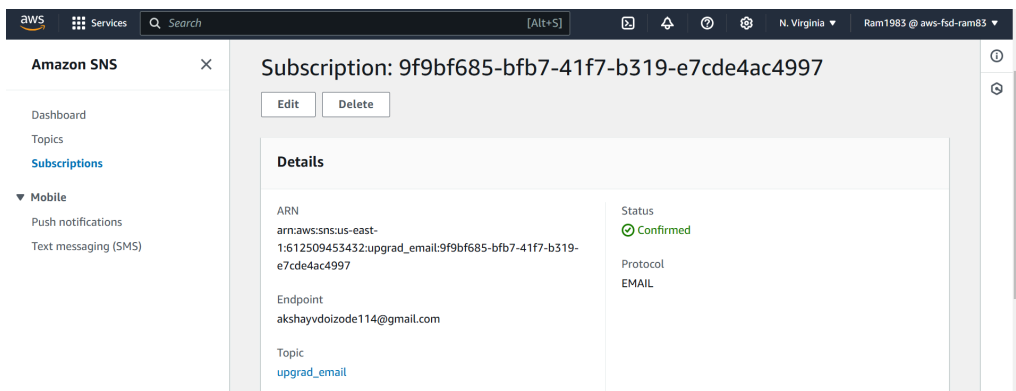
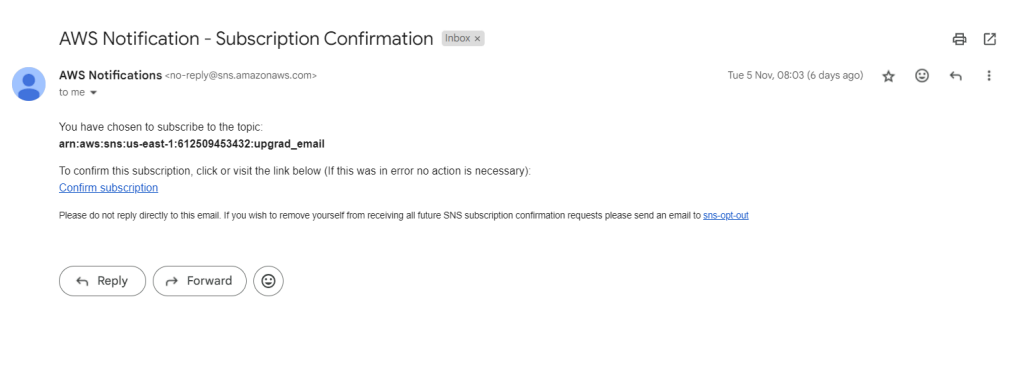
## Create SNS topic



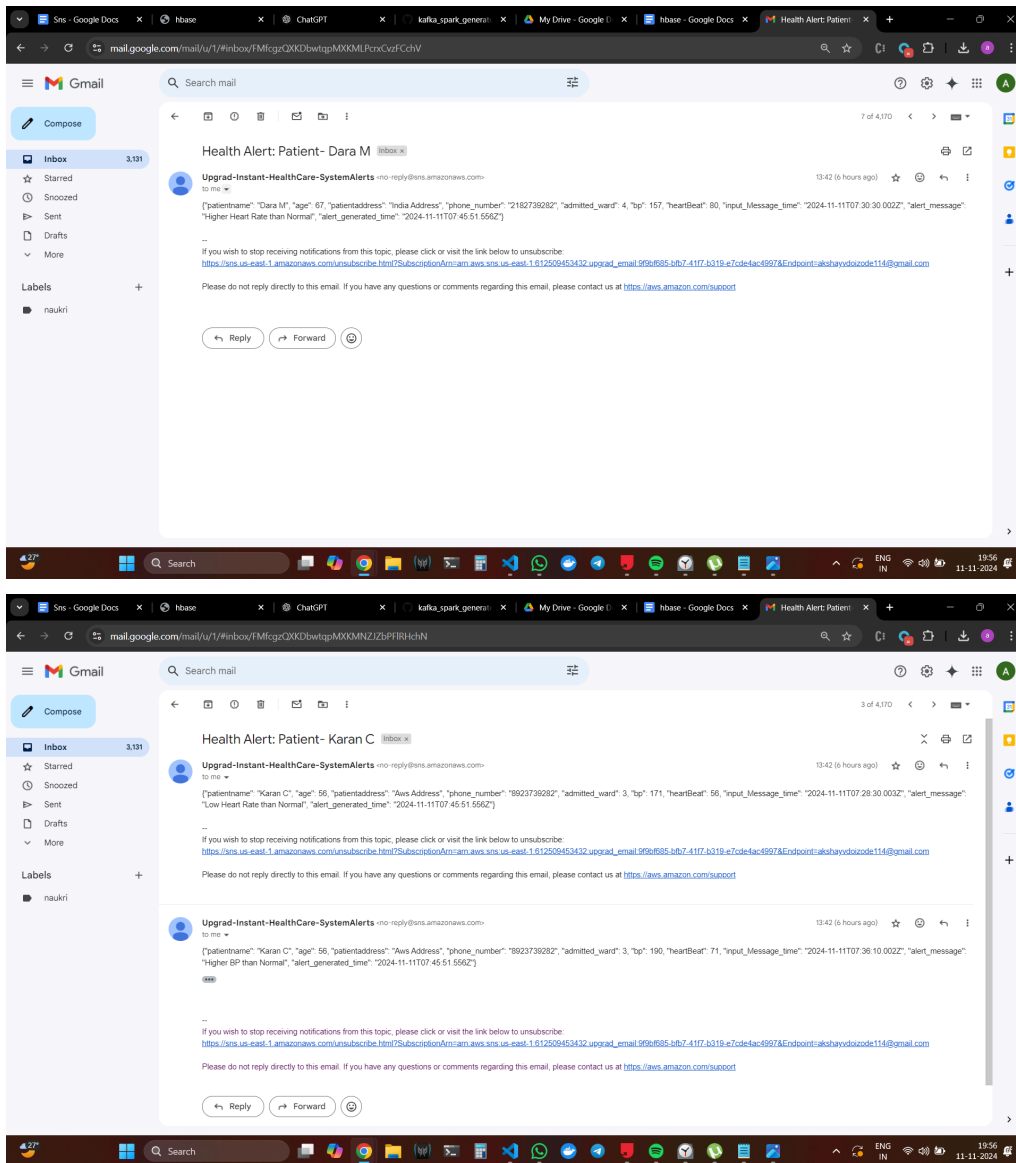
## Subscribe to SNS topic



## Confirmation of Subscription



## Patients Health Alert Via Email



The screenshot displays a Gmail inbox with two emails from 'Upgrad-Instant-HealthCare-SystemAlerts'. The first email is for 'Dara M' and the second is for 'Karan C'. Both emails contain patient data and a link to unsubscribe.

**Email 1: Health Alert: Patient- Dara M**

Upgrad-Instant-HealthCare-SystemAlerts  
to me

13:42 (6 hours ago)

["patientname": "Dara M", "age": 67, "patientaddress": "India Address", "phone\_number": "2182739282", "admitted\_ward": 4, "bp": 157, "heartBeat": 80, "input\_Message\_time": "2024-11-11T07:30:30.002Z", "alert\_message": "Higher Heart Rate than Normal", "alert\_generated\_time": "2024-11-11T07:45:51.556Z"]

..

If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:  
[https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn:am:aws:sns:us-east-1:612509453432:upgrad\\_email:9f6b685:bf7.41f7.5319-e7cde4ac4997&Endpoint:akshaydozode114@gmail.com](https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn:am:aws:sns:us-east-1:612509453432:upgrad_email:9f6b685:bf7.41f7.5319-e7cde4ac4997&Endpoint:akshaydozode114@gmail.com)

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>

**Email 2: Health Alert: Patient- Karan C**

Upgrad-Instant-HealthCare-SystemAlerts  
to me

13:42 (6 hours ago)

["patientname": "Karan C", "age": 56, "patientaddress": "Awa Address", "phone\_number": "9923739282", "admitted\_ward": 3, "bp": 171, "heartBeat": 56, "input\_Message\_time": "2024-11-11T07:28:30.003Z", "alert\_message": "Low Heart Rate than Normal", "alert\_generated\_time": "2024-11-11T07:45:51.556Z"]

..

If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:  
[https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn:am:aws:sns:us-east-1:612509453432:upgrad\\_email:9f6b685:bf7.41f7.5319-e7cde4ac4997&Endpoint:akshaydozode114@gmail.com](https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn:am:aws:sns:us-east-1:612509453432:upgrad_email:9f6b685:bf7.41f7.5319-e7cde4ac4997&Endpoint:akshaydozode114@gmail.com)

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>