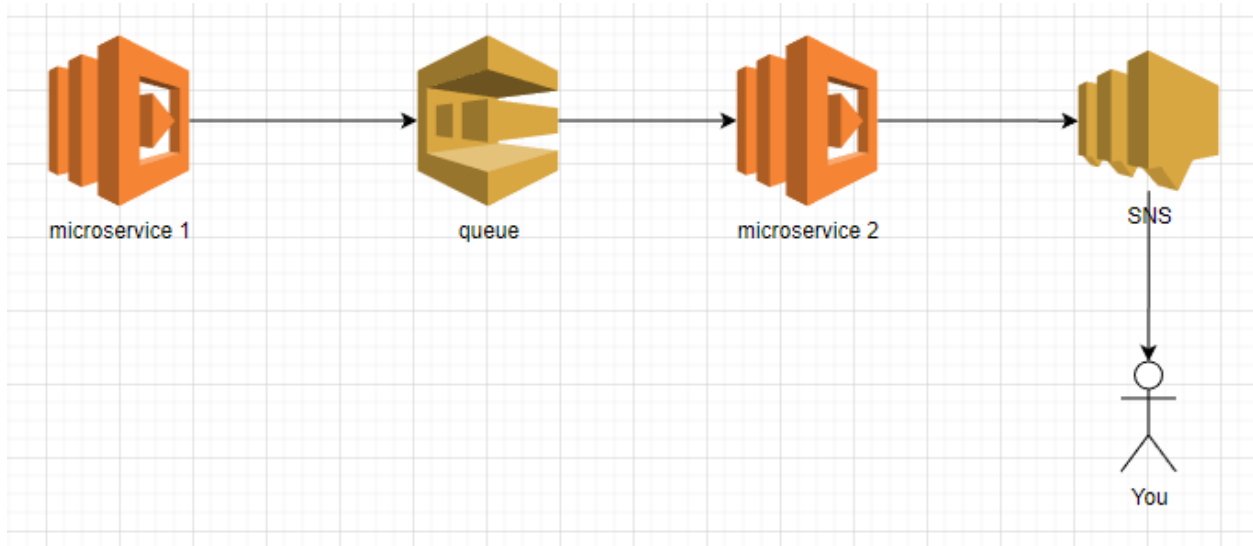


Assignment 6 – SQS and SNS

Create 2 microservices decoupled with SQS. Once you received the message from the microservice 1 in the microservice 2, send the message to yourself via SNS.



- Create a standard queue.
- Create a SNS topic. Subscribe it with your email.
- In microservice 1,
 - you need the “sendMessage” policy on the queue. Add the policy to the LabRole. You must specify the queue by putting the queue ARN in the policy.
 - Send a message to the queue. Refer [Examples on the official AWS documentation](#) and [the SDK documentation](#) for sending a message to the queue from the microservice 1.
- In microservice 2,
 - you need the “publish” policy to send the message to the topic. Add the policy to the LabRole. You must specify the topic by putting the topic ARN in the policy.
 - Add a SQS trigger and select your queue.
 - You will receive the message in the Event object. Log it out to see where the message sits in the payload.
 - Send the message to the SNS topic. Refer [Publishing Messages in Amazon SNS](#) and [the SDK documentation](#) for sending a message to an SNS

Extra:

- Do the task with Step Functions.
- Explore and play with EventBridge