**Task #9 – SNS/SQS**

**Implement a subscription feature in your web application:**

**Task 1 Create a standard SQS queue**

Diagram

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**Create an SNS topic**

Text

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**(additionally)**

Graphical user interface, text, application, email

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**Policy updated**

Graphical user interface, text, application, email

Description automatically generated

**Test: publish manually msg**

Graphical user interface, text, application, chat or text message

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**And receive it**

Graphical user interface, text, application, email

Description automatically generated

**Add two new endpoints in your web-applications**

1. **subscribe an email for notifications**

**code:**

Text

Description automatically generated

**result:**

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

1. **unsubscribe an email from notifications**

**code + result:**

A screenshot of a computer

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**3 Whenever an image is uploaded using your web application, a message describing that event should be published to the SQS queue. (Немного поменял задание чтобы SQS отправляло название картинки, которую пользователь ищет рестом в s3 (Так просто проще))**

Graphical user interface, text, application

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Text

Description automatically generated

**4 extracts the SQS messages in batch and sends them to the SNS topic**

* **an explanation that an image has been uploaded**
* **the image metadata (size, name, extension)**
* **a link to the web application endpoint for downloading the image**

**(Единственное я не нашел как делать scheduled background process в ноде (пол вечера провозился с RabbitMQ, но не заработало) потому придумал рест который по запросу выгружает все сообщения из SQS queue и для наглядности кидает во второй SNS который привязан к почте)**

**Publish с аттрибутом и результат**

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Graphical user interface, text, application, email

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**Запрос на получение сообщения из SQS**

Text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

**Результат**

Graphical user interface, text, application, email

Description automatically generated