**SQS Notification Documentation**

**APIs**

**1)GetQueueURL**

**Request:**

[**http://localhost:3000/v1/1/queue-url/:id**](http://localhost:3000/v1/1/queue-url/:id)

**id : employee id**

**Response:**

{

    "ResponseMetadata": {

        "RequestId": "3953df45-1469-5142-a4f7-898d6e2c15fb"

    },

    "QueueUrl": "https://sqs.ap-south-1.amazonaws.com/143912951401/employee\_1.fifo"

}

**2)** **sendMessage**

**Request:**

[**http://localhost:3000/v1/1/send-message**](http://localhost:3000/v1/1/send-message)

**body:{**

**"message":"Your message in object,xml,string format",**

**"to\_id": To whom it may concern employee id**

**}**

**Response:**

{

    "ResponseMetadata": {

        "RequestId": "6ba76598-8edd-55a4-a6b5-3350f4ac6d5d"

    },

    "MD5OfMessageBody": "baabd65875a551dbb1bdff690f6b993c",

    "MessageId": "809d3aa8-dc14-41d0-a7db-45e433683bc8",

    "SequenceNumber": "18851787499295984128"

}

**3)** **receiveMessage**

**Request:**

[**http://localhost:3000/v1/1/receive-messages/:id**](http://localhost:3000/v1/1/receive-messages/:id)

**id:employee\_id**

**Response:**

{

    "ResponseMetadata": {

        "RequestId": "a02c736d-d9cc-5bc3-a472-25a5a3b5d681"

    },

    "Messages": [

        {

            "MessageId": "809d3aa8-dc14-41d0-a7db-45e433683bc8",

            "ReceiptHandle": "AQEBY4+Dqsm7NKjXOoFJl1q9qbI5tBOBic5ZShdLjGIDMsxaE7tJiPI/bbWH+U5lKsnltvgXTUFRXsfJaq6y367mn13gLy6i27tZjHyi8Pbhju+L/CJWYsSxBip/7BjtLKkUQ9VuGS/BrEJJLfceNO+tz9v4Yt4DNEl72Z5I0MG+6WMzNePG86wJJEN/Rb6MDrC4vSXHfl8B60YXqgnkxyUFBQKX5r1WnSuG+uPyjYFcGIuMU5fC0zMEQcpLtQt1uhpKOHIRs/Vzcmc+mhe6+JdzGkOzoXGvv2TdlKTRxqbZI0w=",

            "MD5OfBody": "baabd65875a551dbb1bdff690f6b993c",

            "Body": "leave granted for 20-02-2020 for lavaraju"

        }

    ]

}

**4)** **deleteMessage**

**Request:**

[**http://localhost:3000/v1/1/delete-message**](http://localhost:3000/v1/1/delete-message)

**{**

"id":2,

"receiptHandle": "AQEBYtDkNPZo4r/Sb52Kx06zHHrxbU1nNT+lX/7ZV0Ew8hJsMevou4TMttPCgd+FtGKGQ+He0xYoVu6nMSMMz+dcjhFOYztX36ZyD1Qsn8VRHYISdFywmJmp4xjz6yIY08UEBj46iIaAe/IPhQWn8LCz6q1zHYySxnFgguuE11Oxb+CHfsxChwgCMLh3sd3CqPc+8Toj8ESPAxqYPQbD28nGSFTQ1mje9YrZ5hBs6wLV01ibu7L+ho1lFFoaar9V1My8973qBoxpoQUVlwilbASxNjafwEa92lx+sukBr4mEv2E="

}

**Id: employee id**

**receiptHandle : it is a string which is used to delete a particular message and can be obtained from the response of recievemessages API.**

**Note: When messages are received the visibility time will be for 5 minutes for now which means the messages can be deleted with in the provided receiptHandle time else they wont be deleted and the next time you receive the messages through API will receive the same messages with new receipthandles.**