**Test plan on: Python Flask Message API**

## Introduction:

This api was made as a recruitment step for NSO by Nir Flatau. The api offers 3 functions. AddMessage (post)

GetMessage (get)

DeleteMessage (post)

The api’s main objective is to upload, view and delete messages.

## Test objectives:

This test will ensure that all 3 functions work in all circumstances.

## Test strategy:

1. Test 1:

* Make sure the message id is available (by deleting it)
* Create such message
* Check if it exists

1. Test 2:

* Make sure the message id is available (by deleting it)
* Create such message
* Make a second message with same id (to make sure the field is unique)

1. Test 3:

* Make sure the message id is available (by deleting it)
* Create such message
* Repeat for a different message id while having the same session id
* Repeat for a different message id while having the same application id
* Try to get both, if they return try to delete each of them.