

# **Mini mail application**

## **Some information about me:**

This mini mail application implements server using “flask” micro framework, this app is written in Python language. Using this app, you can simulate basic email activities.

This app has three API'S: Post, Get and Delete - those are the three main and basic actions of every email: Post - to send a message, Get - for getting specific message and Delete - to delete specific message.

## **API'S details:**

**Post** - This function creates new message in the server, it receives message details as a JSON file: application id, session id, message id, participants, content.

like this message : {"applicationId" : 123 , "sessionId" : "abc" , "messageId" : "deh",  
" participants ":[ "avi aviv" , "david dov"] , "content" : "how are you"}

The details : applicationId ,sessionId and messageId are necessary !

It will return response for success post and for error (e.g. send without necessary details)

And saves your message in storage.

**Get** - This function returns all the message ,that stored as JSON, according to url parameter url parameters should be : application id , session id or message id.

(e.g. <http://local ip/getMessage?applicationId=1> will return all messages whose applicationId =1)

**Delete** - This function returns all the message , according to url parameter.

url parameters should be : application id , session id or message id.

(e.g. <http://local ip/deleteMessage?applicationId=1> will delete all messages whose applicationId =1)



**I would like to thank you for the opportunity I have gained following you to learn, deepen, and expand my knowledge about Python, an invaluable asset in the high-tech world in general and especially in the advanced technological age of our generation.**