**By Yael Cohen  
id: 207485483‏**

Server Using Flask Implementation

The program implements server using “flask” microframework.  
The server includes the following API’s:

**POST:**

Receives a json message from the user and saves the message on the server side - in a database (using sqlite). Post is done by 'AddMessage', The message contains application id, session id, message id, participants list and content, in the following json format:

{

        application\_id: {application id}

        session\_id: {unique session id}

        message\_id: {unique message id}

        participants: [list of participant names]

        content: {message}

}

**GET:**

Returns data from the server side (that is stored in sqlite database) in a json format, according to the url parameters, which should be one of the following:

* Application id = x :
* Session id = x
* Message id = x

The program will return the filtered data that corresponds to the requested parameters. Get is done by 'GetMessage'.

**Get request for example**: http://127.0.0.1:5000//GetMessage?application\_id=2

**DELETE:**

deletes certain messages according to the requested id from the server side according to the url parameters, which should be one of the following:

* Application id = x :
* Session id = x
* Message id = x

**Delete request for example**: http://127.0.0.1:5000//DeleteMessage?application\_id=5