GETALL: <https://gcucloud.herokuapp.com/messaging/getall>

METHOD: GET

DESCRIPTION: Will return all the messages starting with the most recent and ending with the oldest.

PARAMETERS: None.

RESPONSE: Application/json

Example:

[

{

"id": "19",

"messagebody": "Update comment right here",

"creationdate": "2019-02-12 08:35:30.0",

"sender": "Anonymous"

},

{

"id": "17",

"messagebody": "update gcucloud",

"creationdate": "2019-02-12 00:01:20.0",

"sender": "Trev"

}

]

GETMESSAGES: <https://gcucloud.herokuapp.com/messaging/getmessages?index=5&count=5>

METHOD: GET

DESCRIPTION: Will return all the messages starting with the most recent and ending with the oldest. In this example of ?index=5&count=5 would return 5 total messages, starting after index 5 and returning the 5 messages following that index.

PARAMETERS:

1. (query param type int) index = index to start at (just like an array, if you want to begin with the most recent row set index=0)
2. (query param type int) count = total number of messages to return including and after the offset index.

RESPONSE: Application/json

Example:

[

{

"id": "19",

"messagebody": "Update comment right here",

"creationdate": "2019-02-12 08:35:30.0",

"sender": "Anonymous"

},

{

"id": "17",

"messagebody": "update gcucloud",

"creationdate": "2019-02-12 00:01:20.0",

"sender": "Trev"

}

]

GET-NEW-MESSAGES: <https://gcucloud.herokuapp.com/messaging/get-new-messages?index=59>

METHOD: GET

DESCRIPTION: Will return all newer messages starting after the passed in index. Will be used to asynchronously update the chat with new messages without the end user having to refresh the page. In this example, passing ?index=59 would return all newer messages after the message with ID 59.

PARAMETERS:

1. (query param type int) index = index to start return new messages after.

RESPONSE: Application/json

Example:

[

{

"id": "19",

"messagebody": "Update comment right here",

"creationdate": "2019-02-12 08:35:30.0",

"sender": "Anonymous"

},

{

"id": "17",

"messagebody": "update gcucloud",

"creationdate": "2019-02-12 00:01:20.0",

"sender": "Trev"

}

]

SENDMESSAGE: <https://gcucloud.herokuapp.com/messaging/sendmessage>

METHOD: POST

DESCRIPTION: Will post a new message to the database

PARAMETERS:

1. Application/json body
   * Example:

{

"messagebody": "How much homework does everyone have?",

"creationdate": "2019-02-04 15:35:20.0",

"sender": "Trevor"

}

You do not need to specific “sender” if you do not want/need to. If you do not specific “sender” then “Anonymous” will by default be inserted into the database.

RESPONSE: None.

UPDATEMESSAGE: <https://gcucloud.herokuapp.com/messaging/updatemessage>

METHOD: PUT

DESCRIPTION: Will update a message’s body in the database based off of the id provided.

PARAMETERS:

1. Application/json body
   * Example:

{

"id": "17"

"messagebody": "Update the Cloud"

}

You do not need to specific “creationdate” or “sender” (both of these should not change in the db). If you do provide them, they will be ignored.

RESPONSE: None.

DELETEMESSAGE: <https://gcucloud.herokuapp.com/messaging/deletemessage/20>

METHOD: DELETE

DESCRIPTION: Will delete a message in the database based off of the id provided in the path.

PARAMETERS: Path param type int which is the id of the message to be deleted.

RESPONSE: None.