|  |  |
| --- | --- |
| **Action** | **API Call** |
| List all messages with the requested id | GET/message\_id={id} |
| List all messages with the requested id | GET/session\_id={id} |
| List all messages with the requested id | GET/application\_id={id} |
| A new message is added to the database | POST/AddMessage |
| Delete all messages with the requested id | DELETE/message\_id={id} |
| Delete all messages with the requested id | DELETE /session\_id={id} |
| Delete all messages with the requested id | DELETE /application\_id={id} |

**Test Plan**

**. Basic positive tests1**

**Execute API call with valid required parameters:**

**Validate status code:**

* All requests should return 200 HTTP status code
* GET request returns **all messages** with the **requested id**
* DELETE request deletes **all messages** with the **requested id**

**Validate payload:**

Response is a well-formed JSON object

Ensure the response is filtered on the specified value

**Validate state**:

* For POST operation: ensure action has been performed
* For GET operation: Performing appropriate get request and inspecting response
* For DELETE operation : refreshing the messages storage‏

**2. Negative testing**

**Execute API calls with invalid input or valid input that attempts illegal operations. i.e.:**

Attempting to get a message that doesn’t exist-

Attempting to send message without necessary details-

Attempting to send illegal type in the request-