**Request formats**

All requests were tested using postman, with the parameters given in the body as JSON

Root url - <https://quxfl4cwp0.execute-api.us-east-1.amazonaws.com/v1>

**Endpoints**:

* **/register**

parameters:

* + username

returns:

* + id
* **/block\_user**

parameters:

* + userId
  + blockedUserId

returns:

* + success message
* **/check\_block**

parameters:

* + userId
  + isBlockedUserId

returns:

* + true if isBlockedUserId is blocked by userId, false otherwise
* **/create\_group**

parameters:

* + groupName
  + members – string array of the form [‘member1’, ‘member2’ …]

returns:

* + group ID
* **/manage\_group**

parameters:

* + groupId
  + userId – user to remove or add
  + action – remove or add

returns:

* + success or failure message of the action
* **/send\_message**

parameters:

* + senderId
  + receiverId – can be either a user or a group

returns:

* + success message
* **/check\_messages**

parameters:

* + userId

returns:

* + all messages, including messages that were sent from groups. Group messages would me contained in an object with the groupId as the key