

Project 2 Rest API Definitions

*** USER API ***

Endpoint: /users

Type: POST - createUser(username, email, password)

Description: Registers a new user account.

Example: http POST http://127.0.0.1:5100/users email=test1@gmail.com password=password
username=test1

Endpoint: /users/auth

Type: POST • authenticateUser(username, hashed_password)

Description: Returns true if the password matches the username.

Example: http POST http://127.0.0.1:5100/auth password=password username=test1

Endpoint: /users/<username>/follow

Type: PUT • addFollower(username, usernameToFollow)

Description: Start following a new user.

Example: http PUT http://127.0.0.1:5100/follow username=test1 usernameToFollow=JaneDoe

Endpoint: /users/<username>/unfollow

Type: DELETE • removeFollower(username, usernameToRemove)

Description: Stop following a user.

Example: http DELETE http://127.0.0.1:5100/unfollow username=test1
usernameToFollow=JaneDoe

***** TIMELINE API *****

Endpoint: /users/<username>

Type: GET - getUserTimeline(username)

Description: Returns recent tweets from a user.

Example: http GET http://127.0.0.1:5000/users/test1

Endpoint: /users/<username>

Type: POST ● postTweet(username, text)

Description: Post a new tweet.

Example: http POST http://127.0.0.1:5000/users/test1 text="This is another post"

Endpoint: /public

Type: GET ● getPublicTimeline()

Description: Returns recent tweets from all users.

Example: http GET http://127.0.0.1:5000/users/public

Endpoint: /users/<username>/home

Type: GET ● getHomeTimeline(username)

Description: Returns recent tweets from all users that this user follows.

Example: http GET http://127.0.0.1:5000/users/test1/home