Assignment 3 Walkthrough

Developer: Ihsan Etwaroo

Email: ihsan.etwaroo@mail.utoronto.ca

CDF: g5roo

Configuring Server

1) Open the *a3/server.js* file using any text editor of your choosing.
2) On line 1 is the name of the test JSON file in <FILE_INPUT_NAME>, change this so long as the file is in the *a3* directory.
3) On line 2 is the port number in <PORT>, defaulted to 3000

Running the server

1) Navigate to *a3* in your terminal
2) Execute command: *node server.js*
3) The following output should be shown

```
Ihsans-MBP:a3 ihsan$ node server.js
Server started
Listening on port 3000
```

Navigating the web application

1) Open your web browser of choice
2) Navigate to *http://127.0.0.1:3000/*
3) Clicking on the green buttons entitled "GET" will execute API requests described by the descriptions beside them
4) Results of the API requests are displayed in JSON format on the right side

HTTP Requests

GET /getAllTweets

Returns all tweets available in the archive

GET /getAllUsers

Returns all known Twitter users included in the archive

GET /getAllExternalLinks

Returns a list of all external links included in tweets from the archive

POST /getTwitterID

postdata = {id : <id goes here>}

Returns the details about a given tweet (given the tweet's id)

POST /getUserByScreenName

postdata = {screen_name : <screen name goes here>}

Returns detailed profile information about a given Twitter user (given the user's screen name).

Custom Request:

GET /getAllUserExpandedURL

Returns a list containing the expanded url for each user