Tanase Teofil:

* Completed: Unit Testing for the crawler.py autoInsertTweets and main methods
* Issues: One difficulty I had was researching and figuring out how to use unit testing in python. Another issue I had was figuring out a method to test the autoInsertTweets method. Figuring out a way to test that all tweets had been passed from the main method was also an issue.
* Plans for next week: cleaning up my code further, translating error messages into English and further optimising the methods.

Because the autoInsertTweets method had an infinite “while” inside of it, the only way to efficiently test it was parametrizing it so that I can choose to only run the method for a certain time instead of the standard 3hour update interval used. This way I could check if there is any issue inserting tweets on a short term basis.

For the main method I decided to count the number of tweets that SHOULD be found in the tweetlist and compare it to the actual length of the tweetlist.

You can check the methods here as well as the Unit testing for both of them:

<https://codeshare.io/amyOzo>

Bejenariu Razvan-Andrei:

* Completed unit testing for functions in main especially the unfiltered tweets ones
* created a new database for unfiltered tweets and new routes for unfiltered tweets (at the request of team 4)

[Main](https://github.com/georgeboghez/CLEF2020-CheckThat-Lab-Team5/blob/master/Heroku%20Test/main.py)

[Unit testing functions](https://github.com/georgeboghez/CLEF2020-CheckThat-Lab-Team5/blob/master/Heroku%20Test/tests/test_main.py)

* Researching and learning unit testing in python, how to work with Flask routes.
* To continue to optimize the code and improve the app in general

Roșu Cristian-Mihai:

* Completed this week:
  + Unit tests for the all() and special() methods corresponding to “/all” and “/secret” routes in test\_main.py - test\_index() and test\_special(), respectively ([Github](https://github.com/georgeboghez/CLEF2020-CheckThat-Lab-Team5/blob/master/Heroku%20Test/tests/test_main.py))
  + Help create a new database table for unfiltered tweets and new Flask routes relating to it - “/all\_unfiltered\_tweets” and “/all\_unfiltered\_tweets/<int:count>” - in main.py
* Problems this week: Researching and adapting to unit test in python, ‘unittest’ specifically, and using them to test Flask routes
* Plans for next week: Further improve on unit tests and raise code coverage, as well as help our joining team with their filtering functionality

Placinta Radu:

* Created unit testing for 2 functions from the crawler.py file ( getTweets and getTweetsByUsers);
* I ran into multiple problems trying to write the testing code correctly;
* For the next week I plan on improving/cleaning my code and collaborating with my team members in order to improve functionality and integration with the other teams’ modules;
* Link to code (test\_getTweets and test\_getTweetsByUsers):
* <https://github.com/georgeboghez/CLEF2020-CheckThat-Lab-Team5/blob/master/Heroku%20Test/tests/test_crawler.py>

Boghez George:

* Completed this week:
  + Unit Testing for the main.py ”/post” Flask route ([github code](https://github.com/georgeboghez/CLEF2020-CheckThat-Lab-Team5/blob/66acd811a143888fe38da1b14ac4dac5cbfa2177/Heroku%20Test/tests/test_main.py#L37))
  + Code review, quick fixes for the other tests, solved conflicts
  + Integration of the new updates from the filtering module alongside Ioan Sava
  + New route for unfiltered tweets, a new table for them, and increased the number of tweets to retrieve ([github code - unfiltered\_tweets, getCountUnfilteredTweets](https://github.com/georgeboghez/CLEF2020-CheckThat-Lab-Team5/blob/master/Heroku%20Test/main.py))
* Problems this week: Research for unit testing in python, integration of the new changes team 4 has made, respond to the filtering module team’s requests
* Plans for next week: Increase the performance of our service, give corresponding feedback to my teammates, work alongside team 4’s members in order to improve the filtering module, research for front-end