Popularity Prediction

For the moment the current team is formed by Onu Stefan and Gherman Dan, with the current coordinator Onu Stefan. After we established what the project is we started assigning our first tasks. My job was to research about how to integrate our application with Twitter API, so I created a twitter account, registered the app on Twitter Developer ( I will include all the links used in this part at the end of the document ) , and created a very-first script only to check that the API works correctly. Dan job was to research about how we can use the data to create some early statistics using formulas to get the percent of credibility of a tweet, how tweets affect the current popularity of the user, what impact the current tweet or tweets had on your account etc.

Using this information we have now an idea how we are going to implement this project. Because we are currently working on the same company we will combine Agile ( using TRELLO for current tasks ) with Extreme Programming ( staying after the program to work for this project ).

We will use GitHub for store : <https://github.com/stefanonu/Popularity-Prediction>,

Trello : <https://trello.com/b/liUVQ5Dx/tip-project>

**Current tools we will use for the moment :**

* Python 3.7.x ( parsing the data, create the database, offering our first statistics, creating graphics )
* Twitter API ( will provide us the data we interrogate )
* A neuronal framework for predictions ( we will decide what framework after we have our first statistics )

**Current links for the app development:**

* <https://docs.python.org/3/>
* <https://developer.twitter.com/content/developer-twitter/en.html>
* <http://adilmoujahid.com/posts/2014/07/twitter-analytics/>
* <https://core.ac.uk/download/pdf/89359057.pdf>
* <https://projecteuclid.org/euclid.aoas/1414091226>

**Contact :** [**dgherman@bitdefender.com**](mailto:dgherman@bitdefender.com) **&** [**sonu@bitdefender.com**](mailto:sonu@bitdefender.com)