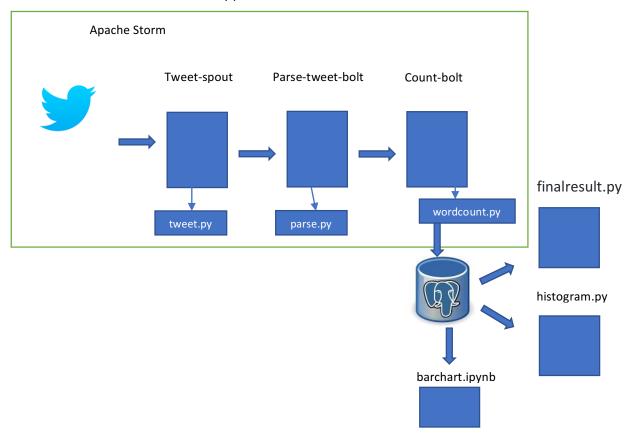
1. Architecture of the application



Processing flow of the application

- Tweet stream is captured in tweet.py managed by the tweet-spout.
- Parse-tweet bolt is used to parse words from tweet stream
- Count-bolt count the words and store the word into postgresDB. In wordcount.py where the
 detail logic is implemented, a check into the DB table is implemented to test if the word is
 already present before deciding if an insert or an update is needed
- The finalresult.py application is used to display count of word passed as argument to this python program
- Histogram.py is used to query words that meet requirement of the number of counts on lower and upper limits passed as parameters
- Barchart program is used to produce the bar chart of top 20 most common words

Topology.

The topology of the application is stored in tweetwordcount.clj

The application is run using sparse run —-name=tweetwordcount.clj

this is because there're other configurations and tweetwordcount.clj is the configuration for this application.