Project Architecture

Summary: This project processes live twitter stream data and stores it in a postgres database for querying and analysis.

Dependencies: Project dependencies are outlined in the project read me

extweetcountwordcount – contains topology files
```
|---src
    |---bolts
        |---init.py
        |---parse.py – parses out the tweets
        |---wordcount.py – extracts words from tweets & updates tweetwordcount
    |---spouts
        |---init.py
        |---tweets.py – connects to my twitter application and extracts tweets
        |---wordcount.py – extracts words from tweets & updates tweetwordcount
    |---topologies
        |---extweetwordcount.clj – sets configuration for above spout and bolts
|---screenshots – contains screenshots for submission
|---finalresults.py – returns word occurrences within the twitter data
|---histogram.py – returns words within a certain count range
|---top20.py – used to calculate the top 20 words for the bar chart
```

Architecture Diagram: