


# CS5542 Big Data Apps and Analytics

## LAB ASSIGNMENT #5 &6

### REPORT and SCREEN SHOTS

**1. Spark and Smartphone/Watch Application Implement a smart application with big data analytics related to your project showing the collaboration between Spark and Smart Apps. Implement Twitter Streaming and perform word count on it and publish the results and showcase it in your Smart Phone/Watch Application.**

1. We open a socket connection between the smart phone and spark . when we run the twitter streaming job, for every 10 seconds hashtags are sent to device.



```
My port number1234
SiteLocalAddress: 192.168.1.204

#1 from /192.168.1.103:58470
TagName:#KCA Number:3 tweet

#2 from /192.168.1.103:58471
TagName:#갓세븐 Number:1 tweet

#3 from /192.168.1.103:58472
TagName:#yoochun Number:1 tweet

#4 from /192.168.1.103:58473
TagName:#السعودية Number:1 tweet

#5 from /192.168.1.103:58474
TagName:#yuchun Number:1 tweet

#6 from /192.168.1.103:58475
TagName:#np Number:1 tweet

#7 from /192.168.1.103:58476
TagName:#วิธีปลูกถั่ว Number:1 tweet

#8 from /192.168.1.103:58477
TagName:#النصر Number:1 tweet

#9 from /192.168.1.103:58478
TagName:#WWE Number:1 tweet

#10 from /192.168.1.103:58479
TagName:#VoteArianaGrande Number:1 tweet

#11 from /192.168.1.103:58480
TagName:#KCA Number:4 tweet

#12 from /192.168.1.103:58481
TagName:#MeEstáGustando Number:2 tweet

#13 from /192.168.1.103:58482
TagName:#np Number:2 tweet
```