**CS5543 Real-Time Big Data Analytics**

**LAB ASSIGNMENT #7 and #8**

One submission per Project Team

Lab Submission through the following form before 10/19 (W) 11:59PM.

https://goo.gl/forms/HGJ0VR8U2dH1K9Yv1

Development of Simple Kafka -Storm Application (Ref to the diagram given below)

* Implement a client application for your video data, where the features, key frame and metadata is extracted and sent over to Storm using Kafka.
* The Storm performs different analytics such as number of key frame, number of sift features for particular video on the data received from the Kafka Spout. Make sure to have multiple bolts to perform different analytics.

Submit your Github project for Lab Assignments with source code, input and output data and wiki page containing the report for your lab Assignment. Include screenshots to your report.

Submit a 1-2 min panapto video on blackboard showing your implementation with brief explanation.

