Meeting Agenda with Prof. John Springer and Emily Tluangneh

Date: September 21, 2017

Time: 3:30 pm

Location: KSQ

Attendees:

|  |  |  |
| --- | --- | --- |
| Name: | Roles/Responsibilities | Present: |
| Seunggeun | Collecting strategies of obtaining data | ✓ |
| Jun | Collecting strategies of obtaining data | ✓ |
| Hoon | Collecting data from social media | ✓ |
| Nawon | Collecting data from social media | ✓ |
| Yujin | Collecting data from social media | ✓ |

Project Ideas:

Seunggeun: Music popularity prediction(of new songs)

Jun: Airplane Advertisement (marketing, tracking data)

Hoon:

* Behavioral of people (population density, calculate data from day to night, peak time) marketing purposes
* Text mining: grammar and tone of voice can’t be determined by computer, use phrases/sentences that the computer can understand (emotion analysis) ENGLISH

Topic discussed with John Springer

* Presentation given about obtaining flu statistics from stations, map, social media etc.
* John suggested we add different dimensions to our images – focus only on a specific window of time (a day/ a week)
* Tools suggested are JavaScript and Tableau (produces interactive data visualization products focused on business intelligence)
* Different data type mentioned were JSON, XML, and CSV
* When gathering data, we need to be careful of fluctuation with temperature differences in a single day – all members should agree on the interval of time so that all data collected by each team member matches up at the end
* John mentioned time is difficult to implement and hard to correlate with Korea and USA – Time and Location must mesh up with the data sets collected
* John mentioned granularity – how information is detailed and separated