**MEMORANDOM**

DATA: June 7, 2015

TO: Jack Brown, Vice Present

FROM: Yuqing Li, Operations Manager

SUBJECT: Activity Report for June 2015 on MPO Corpus

**INTERDUCTORY SUMMRY**

Our group has been busy in searching for a good approach to build a public opinion monitoring model. And we have achieved our goal. On the basis of discussing the information spreading mechanism under Internet environment, we have studied on how to build a public opinion monitoring model according to the semantic content or text mining last year.

**What this public opinion is**

A micro-blog public opinion corpus named MPO Corpus on the content of micro-blog information as a test data set has been constructed by our research team. The public can rarely understand it completely now. Even as for us, we haven't have a distinct enough cognition for it because it is kind of complex and always changes. In the paper our published, it proposes a quick emergency response model (QREM) for micro-blog public opinion crisis oriented to Mobile Internet services.

**WORK PROCESSING**

1. We describes the micro-blog cases and emergency response plan library using web ontology language (OWL), which makes the transitive logical reason capacity among micro-blog subjects, micro-blog cases and emergency plans.

2. It proposes an algorithm to calculate... the sentiment intensity of micro-blogs from three levels on words, sentences and documents based on HowNet Knowledge-base respectively.

3. After that, we continue to study on how to update cases under the subjects and quick response processes for micro-blog case base. Finally, we design a test experiment which shows some merits of QREM in time, which basically meets the quick emergency response demand on the micro-blog public opinions crisis under Mobile Internet environment.

4. Finally, it will provide more efficient support to the government and related monitoring departments involved with the public opinions crisis.

**FILE MANAGEMENT**

The file-manager function allows the users to enter information and then manipulate it on the internet quickly. During one five-day site visit, for example, a field engineer recorded a series of problems observed in the field. Every member in our team have different task and rearrange the data to highlight specific points.

**CONCLUSION**

Our group all persevered in an effort in June. And I was busy in almost all phases of my job all the time. So, the other work that I take over simultaneously was laid aside. I am very sorry about that. I will soon follow up and step forward next month. At our next meeting, I think I can make an Improvement on the project we do and that time I will hang on a new report to you for the specific conditions.