**COMP-SCI 5570 Architecture of Database Systems Project Weekly report**

**Report Number and Submission Date:** Report No. 1 - Friday September 4, 2015

**Project Title:** Round Trip Time (RTT)

**Project Group Name:** Team Elite

**Group Leader Name:** Sri Harsha Chennavajjala

**Group Members’ Names:** Teja, Vinay Kumar, Pallavi, Swetha Chandra, Uday Kiran Chowdary, Raj Kiran Reddy, Aishwarya Rao

**Last week’s progress summary**:

We worked on the below tasks.

1. Get to know each other’s experience and knowledge on programming languages. – All;
2. Project understanding - All
3. Identification of languages and tools to be used in the project – All
4. Primary identified programming languages are UNIX shell scripting, SQL.
5. Primary identified tools are vi editor, sqlldr, mysql workbench.
6. Created the linux (Ubuntu) environment with ssh and ftp support.
7. Currently we are working on identifying the nodes in U.S.

* 30 nodes by Harsha and Teja
* 30 nodes by Vinay, Uday and Raj.
* 30 nodes by Pallavi, Swetha and Aishwarya

Pallavi, Aishwarya and Swetha were absent for one day (2nd September) in the week.

**Next week’s work target**:

Below tasks are scheduled for next week.

* Node Selection completion with longitude, latitude, distance, hostname and so on.
* Creation of database schema with tables
* Updating the tables with the details of nodes using sqlldr.
* Identification of way of working for functionality development.

**I need help**:

* It is found that statuses of some of the nodes are offline (failed boot) or going offline frequently. In such case what we need to do?
* What are the login credentials for these nodes?
* We identified hostname, site name, longitude, latitude, and nodes as the required fields to be loaded in to database. Are there any other fields that we are missing?
* Do we need to prepare any documents such as requirement specification, Way of Working (WoW) and so on?