**CS5570 Advanced Database Management Systems Project Weekly report**

Report Number and Submission Date: Report 1 – 2/27/2015

Project Title: Patient Medical Record Dispatch

Project Group Name: Data Collaborators

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Group Members’ Names: Sai Kishore Bandaru, Ravisha Thallapallli, Sainadh Mandava, Shivani Gaddala, Ramya Sri Gangila

**Summary:**

This week we primarily worked on designing our databases and also studied certain research related to health domains. We were able to make conclusions on the database to be used and also on the web front. We successfully configured database on our system and able to create the base tables with minimal records. We have split the team into two parts, where one will be doing research on studying certain research papers so as to create some efficient data base and the other worked on the software configurations and also on the software specifications. Our major work was concentrated on database design i.e. on how many tables to maintain and other access specific issues. We will be switching our tasks every week so that everyone gets enough participation in development of both front end and database tasks.

**Next Increment:**

Next week we are planning to finish the following tasks:

* Designing the front end templates - To make sure we are able to define the apt portal for Medical Report Dispatch
* Creating the database tables efficiently - For efficient data processing
* Study several health related research papers to gain some good domain knowledge – To create efficient databases.
* Preparing data - To make sure we were able to map the front end portal with the database, and also to include certain recommendations based on initial patient condition.

**Help:**

* We are in need of certain research papers related to our project, so as to develop the portal. Most of the research papers we read till date were more related to Hadoop and Big Data stuff which was more of machine learning. So can you please provide some journals links to us so as to get exact idea of the domain?