

### **WEEKLY PROGRESS REPORT**

Hüseyin's main objective for this week is creating databases on MySQL and create a connection between our software and database. In order to create connection, i used very simple connection method, namely, "Standard (TCP/IP)". Moreover name of the IP address of the server host is defined as "localhost" and TCP/IP port is defined as 3306. MySQL Workbench is another useful program that i am working on. I can create, update or delete tables very easily by using MySQL Workbench. It enables us very useful user interface and we can handle database issues in an more flexible and easy way.

Finally, we have a database and it is easy to modify the tables on it. Moreover our software can communicate the database by using TCP/IP connection and make modifications on our data. All of these basic facilities will provide us to develop our software for future work.

Ender's main objective for this week is researching specified papers. He has researched about context aware graphical user interface and read papers which were taken from Karoshi. He has read Balancing Autonomy and User Control in Context-Aware Systems. In this paper, there are different context model approaches such as CML (Context modeling language). In respect to this paper, he thinks about researching Context Toolkit which allows users to monitor and control context aware behavior. Another papers called The Research of Mobile User Interface Design Components From the Standpoint of Universal Design for Learning and Principles of Software Driven User Interface Design for Business and Industrial Applications will be thought very helpful because they give the principles for designing a graphical user interface such as menu usage of device and aspects that we should pay attention.

The thesis about Using Dempster-Shafer Theory that he has been reading is little complicated and theoretical for our project because we have just two or three sensor information and it will be just used to change user interface.

Burak Kerim's main objective for this week is developing our web page. He has finished main topics for web page and it is now available.