MigroSoft, Weekly Progress Report #2

Yusuf Saran

Since we will submit our analysis report by this weekend my main research topic for the last week was about analysis of the components on our project schema. First I tried to find out some possible use cases and thought about scenarios for reifying the roles of our components. I also revised our Level 0 DFD and changed the outline of our project in order to visualize the interaction between the components. Moreover I did a research to find out system requirements of such a project.

Eda Ercan

Before we went to Ramadan Holiday, we have decided the main structure of our project. According to our decision, the core will be implemented by using Perl and PHP. I was assigned to find a conversion method between NNTP and SMTP. After a quick internet search I found a perl module, namely Mail::Folder::NNTP. I also installed a Perl development environment to my system. After running the module, I investigated the basics of this conversion.
This example also helped me about understanding the NNTP and SMTP protocols and I found out the basic differences between these two protocols.

Fırat Akçoray

Last week I was assigned to build a XML-RSS parser. After a detailed search on the Internet I found out how servers handle RSS feeds and a common XML schema used for storing RSS data. I found a code sample about this parser and analyzed it in order to clarify the RSS-XML relation in my mind. I was also assigned to think about the possible tables and relation between these tables on the database. Moreover I did a research about basics of the PostgreSQL since we planned to use it as our database.

Yunus Altunkol

After we have discussed the general structure of our server and decided on the programming languages that the server will be implemented with, I was assigned to build a simple NNTP server on my PC and post a message to my computer from another PC. As a result of my search, I found a perl module which acts as a NNTP gateway by using Apache web server. After installing the requirements on my PC, I tested this module. By means of this, I had a clear idea about how a news server interacts with a NNTP client.