

MIDDLE EAST TECHNICAL UNIVERSITY  
COMPUTER ENGINEERING DEPARTMENT

PROJECT MEETING REPORT 1

26.10.2007

AQUT

Anatolian QUalified Technology

## Meeting summary

In our first meeting, all group members talked about what they have done during the week and what we are planning to do next week. Also we decided to be more integrated with our project by taking concrete steps like looking over similar projects on the web, doing research on their working principles. Moreover we have started to study on the servers that we are likely to use such as apache, tomcat and openfire. By the help of some applications like spark we see how instant messaging is done through the server. Lastly we decided to learn the basics of Firefox extensions and our first job will be writing some simple plugins for Firefox. In addition to this we also planned to start writing analysis report. After this short brief, now we pass to the individual reports part.

## Individual Reports

### Şevket Dokgöz

This week, I have done mostly information gathering about our project and work on servers. I also took part in instant messaging and help my friends. First of all, due to our projects relation with WEB 2.0, AJAX and JABBER, I made some research on these technical terms. After this search I saw that JABBER server will make our job easier at instant messaging phase. Then for our market research I made searches on the internet to find some similar applications. And I saw that understanding the structure of the website named as me.dium.com would be very useful for us. I also, with my friends, attended the seminar of Meltem Turhan Yöndem about NLP to gain information about “question answering” subject that we are going to use in our project. After this information gathering part I looked over apache server. I installed apache server on my computer and made a simple website working and reachable from other computers that was on the same local area network. Lastly I joined my friends at instant messaging part. I was tasked with being a tester to chat with my friends that were in my msn account and the other testers through our openfire server. During this process we have not encountered any problems.

## Uğur Irmak

During this week, I have done research on the internet about AJAX technology, learned some basics of “.jsp” applications and made searches about literature survey for our analysis report. From the Wikipedia I learned some bases of AJAX and how these scripts work, this will be helpful while we are developing our application that is based on AJAX on client side. Then I installed “apache-tomcat” (version 6.0.10). Apache-tomcat is both working as http server and provides us to run .jsp files on our website. After installing this server I wrote a simple .jsp code for my website. It takes a number (let say this number n) as input from the user and when the user presses the send button, my website returns a page to the user that a simple sentence is written n times. This feature of tomcat is very helpful regarding running java codes on the website. After this experience, I went on my research on the internet this time about literature survey. I looked for some papers that we can use for our analysis report and I found many important ones.

## Mehmet Ali Özkeskin

This week, I have worked on “openfire” with Mustafa Çöçelli and wrote some simple extensions for Firefox. Firstly I installed openfire on my computer. From admin console (<http://localhost:9090>) I made some configuration settings, created users and formed some groups from those users. Then for testing purposes, I installed “spark” program to some computers in my room to be able chat through openfire server. And I saw again from the admin console whether the testers are online or offline. Finally we carried out instant messaging. The other study of mine was about Firefox plugins. After I had searched on that topic and had analyzed some examples, I understood the structure of the extensions in the “.xpi” file. So, I realized the functionality of files in it. For instance, the installation file is install.rdf and the definition of the extension’s mission is in the “.xul” and “.js” files under the chrome folder. Then, I created a sample extension and added a button to the toolbar. When I pressed the button, it only shows a popup window for now. From now on, I will try to add some functions to take information from the current URL and go specified URL.

## Mustafa Çöçelli

During the week, I have worked on “openfire” with Mehmet Ali Özkeskin, done information gathering about plugins and tried to write some plugins for Firefox. I was with Mehmet Ali Özkeskin while we were working on instant messaging. Through openfire server I was able to get my msn accounts and chat with them by the help of spark and openfire. Then I made some search on “.xul” files that help us to create submenus and popup menus. I scan examples found from internet. I examine the basic structure of xul from these applications. Moreover, I examine “.js” files that I found in the sample applications. I realized that we create our interface from “.xul” files, and “.js” files append functionality to our interface. The documents show the way of the installation of extensions to Mozilla browser. Moreover, I write a custom button by looking at an example. When I press the button, it just shows a window.

## References

<http://www.jivesoftware.com/products/openfire/resources/faq.jsp>

<http://www.rietta.com/firefox/Tutorial/overview.html>

<http://roachfiend.com/archives/2004/12/08/how-to-create-firefox-extensions/>

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<http://www.coreservlets.com/Apache-Tomcat-Tutorial/Preconfigured-Tomcat-Version.html>

<http://www.javaworld.com/javaworld/jw-07-2002/jw-0726-im.html>

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