



MIDDLE EAST TECHNICAL UNIVERSITY
COMPUTER ENGINEERING DEPARTMENT

Senior Project Meeting Report 1
18.10.2006

A Company Manufactures Everything
(ACME)



Ali Demir (1394899)

In our weekly meeting this week, we shared the topics in market analysis and functional requirements. I made a quick internet search and realized that there were over eight projects about AJAX. So, as being the project leader, I have shared these projects to our team members to analyze some of them.

I have analyzed 2 of these projects, EchoStudio 2ⁱ and Tibcoⁱⁱ. I have examined their features, design of their graphical user interfaces and so on. I also gathered some information about how AJAX works and tried to do some experiments with it.

Ergin Eroğlu (1395037)

This week I worked on market analysis and questionnaire. I analyzed current AJAX IDEs in order to learn market requirements. I studied some plug-ins for Eclipse: MyEclipse AJAXⁱⁱⁱ and Backbase^{iv}. I analyzed their GUIs, text editors, functionalities. I tried to note their advantageous and disadvantageous features.

I also prepared a questionnaire for web developers using AJAX for learning their expectations and features that they want from an AJAX IDE. My main goal was to discover real needs of developers in order to intensify on that needs and eliminate unnecessary features.

Deniz İpek (1395102)

Like everyone else in our project team, I also examined some of the existing projects in the market. Mines are Morfik WebOS AppsBuilder^v and JoyiStar Juno^{vi}.

I tried to explore these programs and note the points that I enjoyed. I have examined their GUI's, features that they have provided, their usefulness and their ease of use.

I also worked on AJAX tutorials available on the internet. I have played some of them in order to learn this new technology.

Gizem Öztürk (1395391)

This week we have done our weekly meeting with group members and we decided to start to prepare our analysis report. We have talked about general features that should be in an analysis report and share main topics. My parts are investigating the process models that we may use during our project and doing market analysis. I started to work on market analysis. I have done some research on internet and found some existing programs. I have examined Eclipse ATF^{vii} which is an Eclipse plug-in. I noted the good points of them as well as still missing parts.

Beside these I keep on investigating features of AJAX, for this reason I have read some tutorials about this concept and continue to learn AJAX.

Fulya Tunçer (1395599)

The topic of our project design has known for just two weeks, and since before I had no idea on Ajax- except that it is a dynamic web programming technology-, nearly all of my first week passed by constructing basic knowledge on Ajax and learning work flow procedure of Ajax technology, I tried to understand why it becomes so popular and what is its main purpose in today's computer life and which features make it different than other technologies. For this purposes I have made web search and read some articles^{viii} which discuss the Ajax with all aspects.

After these readings, I have some ground knowledge on functionality and handicaps of Ajax.

Furthermore, just the seeing the implementation of Ajax technology I have implemented a very simple basic application to consolidate understanding of its working. Also, before implementation I had also read an implementation guide^{ix}.

And finally when my friend gathered together at the beginning of this week, we had decided to analyze constraints and usability features of generic or web programming specific integrated development tools like tips of user friendly GUI design or increasing usability and easiness of IDE. However, the resources on this topic were very limited on the internet. So, for now I could not get any solid information on this topic, except well-known details. On the other hand, we had also shared topics for literature survey such as investigating existing comparable projects; I have committed my duty which is investing GWT and also I have written a report which investigates in detail and tells this toolkit. I think that these two weeks are very good starting point for me and my team.

References

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- ⁱ <http://www.nextapp.com/platform/echo2/echostudio/>
 - ⁱⁱ http://www.tibco.com/software/ria/gi_resource_center.jsp
 - ⁱⁱⁱ <http://www.myeclipseide.com/ContentExpress-display-ceid-70.html>
 - ^{iv} <http://www.backbase.com/>
 - ^v <http://www.morfik.com/>
 - ^{vi} <http://eng.joyistar.com/>
 - ^{vii} <http://www-128.ibm.com/developerworks/opensource/library/os-ecl-ajax/>
 - ^{viii} http://en.wikipedia.org/wiki/Ajax_%28programming%29
<http://www.adaptivepath.com/publications/essays/archives/000385.php>
http://sourcelabs.com/ajb/archives/2005/05/ajax_mistakes.html
http://dhtmlnirvana.com/ajax/ajax_tutorial/
 - ^{ix} <http://www.xul.fr/en-xml-ajax.html>