



MIDDLE EAST TECHNICAL UNIVERSITY  
COMPUTER ENGINEERING DEPARTMENT

Senior Project Meeting Report 2  
02.11.2006

A Company Manufactures Everything  
(ACME)



**Ali Demir (1394899)**

In this week, I have investigated some of the AJAX IDEs, namely EchoStudio 2 and Tibco. I have made detailed research about these projects and prepared their reports to form our Market Observation report.

Also, I began to design the GUI of our AJAX IDE Lades prototype. Firstly, I decided the layout of the components on the paper. After that, I tried to form the GUI by adapting the MVC architecture. Because we want our project to be platform independent, we have agreed to code the project by using the JAVA language.

**Ergin Eroğlu (1395037)**

This week I continued to work on market analysis and questionnaire and I finished my tasks. I analyzed current AJAX IDEs in order to learn market requirements. I studied some plug-ins for Eclipse: MyEclipse AJAX and Backbase Struts and I wrote my report about analysis of these products. I analyzed their GUIs, text editors, functionalities. I tried to note their advantageous and disadvantageous features and tried to find out which features we can adapt to our project.

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)**

In these 2 weeks, I tried to strengthen my hold on the knowledge of AJAX. In order to increase my knowledge I read some articles about AJAX in order to fully

understand the underlying logic behind AJAX. Without fully understanding the logic, analyzing of the project would be impossible.

However understanding the underlying logic is one thing, using an IDE to implement an application is another. In order to understand the things that developers require, I frequently used two AJAX development IDEs that I liked most. These are JoyiStar Webshop (Joyistar junio is the Chinese counterpart of Webshop) and Tibco. I created some simple web applications using these programs and examined complex applications created by these programs. This hands-on experience allowed me to get new ideas on how to create successful and easily understandable AJAX development software. We gathered these still infant ideas (whole groups' ideas) to decide on a data flow diagram.

All of us agreed that implementing a design window that allows the user to add or edit elements via mouse (drag & drop) is a must. We decided that we will try to make the design window to be simple to use. Another idea is to embed Firefox into our software (for browser view) but we don't know how to do this. I searched the web to find a way to do this but I didn't find a solution.

### **Gizem Öztürk (1395391)**

As we have shared existing AJAX projects, my part is to search Eclipse ATF which is an Eclipse plug-in. I keep on investigating Eclipse ATF. To create the market observation I have written a detail review of Eclipse ATF including existing features as well as some problematic parts.

Again for market analysis I have written the introduction and conclusion parts of the market research.

Beside these, for requirement analysis I have worked on some parts of DFD and STD diagrams for our project. I have drawn some parts of the diagrams.

**Fulya Tunçer (1395599)**

In this two week time period, I have enlarged my understanding on Ajax, IDE concepts. With our group members, we have shared our missions and developed market research report and analyzed workflow of the LADES. s

First of all, as we have shared the assignment of investigation of similar products which are currently on market, each of us has deeply looked into these IDEs and tried to develop a small application by investigated IDE. My duty is GWT which produces Ajax code by Java programming; therefore I installed Eclipse and wrote a small application with GWT. After all of us have completed our duty, we have gathered together to share our experiences on the IDEs in order to see what can be done and what has been done, we have compared these Ajax tools. At the end of this meeting, a market research plan has been produced.

In the lights of market research, we had a sound knowledge on what like our LADES is going to be, what its requirements are, and what the customer wants. By this knowledge, we had initiated our IDEs features. To find out features which will make LADES well-analyzed, user-friendly and multi-functional, we had a small discussion, and came up with DFD chart and STD of the LADES.