



MIDDLE EAST TECHNICAL UNIVERSITY
COMPUTER ENGINEERING DEPARTMENT

Senior Project Meeting Report 7
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A Company Manufactures Everything
(ACME)



Ali Demir (1394899)

In the past two weeks, I have added built-in component descriptions as XML files. Selected component's properties can be set through the Properties Editor part of the LADES. Properties Editor was implemented as a JTable before, so that all the properties are flat style. This approach made locating the required property difficult. So, I have categorized the properties and made the JTable act as a tree view also. By using this, it is now easy to locate the required property.

Because we haven't got CVS support from our department yet, we had serious difficulties combining all the code we have done. I have also combined the codes written by our team members and fixed several errors which occurred by this process.

Ergin Erođlu (1395037)

I have worked on multiple language support and website of our project. We decided to implement all menu bars, toolbars and messages can be changeable according to language file supported from the user in xml format. We created a format for the language files, so anyone can prepare his\her language file and implement into system. I have coded necessary classes and functions for reading strings from xml language files and changing menu bar, toolbar and messages. Our product will save last language loaded to system and at the reopen menus will be in last loaded language. Finally I have made some minor changes at our product's website according to changes in our design.

Deniz İpek (1395102)

In the past two weeks I tried to implement a syntax highlighter for the text editor in LADES. For this task I searched the internet for a helper library that can aid me in this task. I found an open source library that has a token system for

highlighting. I collected some of the HTML keyword that can be used within HTML between '<' and '>' and inserted these keywords to the syntax highlighting system. In order to implement a save/load system for text files I have implemented some functions, but we couldn't integrate this save/load system to the whole project. I think the absence of a CVS system emerged as a problem in synchronizing our efforts in the project which became apparent with the failure mentioned above.

Gizem Öztürk (1395391)

During these two weeks I worked on Design View part of the LADES. I have worked to add components from the Component Libraries panel into Design View. My aim is to provide the user drag-drop capability to add components into Design View part. I have done research on internet about providing drag & drop support. I have read tutorials on this issue and learn the essentials of dragging and dropping.

To support this facility I have changed JTree and add necessary events then the user became able to drag the leaf nodes of the tree. Beside this, it is also necessary to add events and functions into JPanel so that the user can drop items onto this panel. In addition it is important to provide user changing the position of the added elements on design panel. Therefore in order to provide this, I have written many functions and events.

After finishing the work, I have added the developed code into the LADES.

Fulya Tunçer (1395599)

Last two week we tried to implement some basic features of LADES. For this purpose I have continued to work on wizard pages to open new project. This

wizard pages has only ask for the name of the project and also asks for whether the user wants to create new file for project or wants to use existing source. We assume that this wizard will be also used for getting input of the projects setting such as auto indent, language, layouts from user. Then when the user finalize the wizard an xml file storing setting is created; for now only project name and location. This xml creation processed is also implemented by me. Then I parsed this file to show files of the source directory in Project Files Panel as a tree hierarchy. Also when user opens an existing project, the selected project setting file is also parsed to create tree view in Project File Panel. For further work, I will try to implement the adding new file to created source directory by mouse click and selection , also opening of the file found in tree view in text editor.