



MIDDLE EAST TECHNICAL UNIVERSITY
COMPUTER ENGINEERING DEPARTMENT

Senior Project Meeting Report 5
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A Company Manufactures Everything
(ACME)



Ali Demir (1394899)

While time approaches to Design Report due date, we have worked on the graphical user interface of LADES. As being a project leader, I have gathered all the work done by our team members and combined them to work together. I have also added Component Hierarchy part of our project. It is implemented as a TreeView component. It also displays the components with understandable icons and displays detailed tool tips to the user. Another task that I have done is adding several toolbar operations to the sub windows. These operations will be enhanced in the following weeks.

Beside the implementation of graphical user interface, I have also begun to document the initial design report by explaining the parts of our GUI.

Ergin Erođlu (1395037)

I have worked on website of our project and some parts of the GUI in these weeks. I have implemented a simple website and put product information, files and reports we have prepared so far and group information to this website. In a week time our website will be active and can be accessed via the Internet. My other task was menu and toolbar alignment of our GUI. I have made all the parts – menu bar, toolbars, tree view menu, design view, browser view – modular so that orientation of them on main window can be changed as user's choice, so with this feature every user can personalize our product to his\her wish.

Deniz İpek (1395102)

As the project gains acceleration, the requirement to divide tasks among members of the project became mandatory. For the past two weeks my task was to implement the file system tree view. This view shows the information what the current drives are currently installed and the directory information about them.

The java provides some functions to get information about these while still maintaining platform independence. Even though the task was pretty straightforward, I encountered some difficulties. The file system tree view functions throw exceptions when they encounter a system file. The reason behind this seems coming from a bug of function that fetches the icons for files. The function is `getSystemIcon()`. The developers of that package acknowledge the bug and report that they will patch it as soon as possible. I am sure it will be patched before the final release of Lades so I won't try to find a workaround.

Gizem Öztürk (1395391)

This week as a team we mostly concentrate on the graphical user interface our project LADES. The sub-windows of our LADES program can be docked undocked resized moved by the performance of Ergin. And I have thought that if the user change the appearance of the sub-windows and want to save that layout to use it later that would be very user friendly. So I have implemented that feature to the LADES program, by serializing the current layout to save it, and by deserializing previously saved layout to load it. So the user will be able to switch between the previously saved layouts with just a few mouse clicks.

In addition to the improving the graphical user interface by adding several features we have also started to the Design Report. We decided on the main tasks of the report and stated to prepare it.

Fulya Tunçer (1395599)

Throughout this two week, we have begun to prepare the material needed for design report.

First of all, in the lights of feedbacks taken in user interface demo we have enhanced the appearance and the functionality of the LADES layout by adding dockable and draggable and totally free panels and by adding icon images for web page components. Also we have documented the IDE user interface part for design report by step by step manner with brief declarations and screenshots.

Finally for design report preparation I have gotten some ideas on which charts and diagrams are going to be drawn. For this purpose, I have learned the UML 2.0 specifications of sequence, use-case, collaboration, class, object, activity, component and state chart diagrams. However, we have not decided yet, diagrams to be drawn to schematize LADES design.