

11th Meeting Report

Team Name: CoreTech

Attendees: All Team Members

Meeting Place: Computer Engineering Department, 1st floor

Meeting Date/Time: 13.12.2005, 19:00 - 21:30 AND 14.12.2005, 19:00 - 22:30

- Our project assistant wanted us to prepare a document which explains the steps of usage of our product. In this report we will define in which way user can benefit from the abilities of CoreAccess. Other than an end user, CoreAccess also has Content Manager and Administrator. For administrator we will define the abilities of him that will make CoreAccess run efficiently and without any problem. Also we will define the abilities of Content Manager who keeps the information in the program up to date.
- In the first day of our meeting we have wrote down the properties of our program for the sake of end users. This part was very crucial since it constitutes the backbone of our program.
- In the next day, we completed this document by adding the functionalities which Administrator and Content Manager can perform.
- We are also in the progress of inspecting multilingualism with .Net. We learned how to make a desktop program multilingual but this is not sufficient. This is because we need to implement this feature on PDA. So we will continue to studies on this issue.
- We have decided on the user interfaces also. In fact, we had already thought about the interfaces of PDA. However, we had not implemented them. On Tuesday we drawn them using .NET 2003 on PDA simulator. In the next steps we will continue over these interfaces while implementing the software.
- The interfaces for Content Manager and Administrator have been implemented using JDeveloper. We have implemented them carefully (for example we renamed the components from something like jButton1 to openMapButton) so that we can build the program over these user interfaces.
- We discussed whether we should use java or .Net for PDA programming. This issue was rediscussed due to the comment of our instructor Onur Tolga Şehitoğlu. He said that if it is implemented using java, the program can be used with mobile phones also. The result of our discussion was to continue with .Net because we noticed that the interfaces for PDA and mobile phones should be different since mobile phones have much limited screen. Therefore,

if we write a general program for both of them, the interface for PDA will be very poor and will not be satisfactory. Also one advantage of .Net on PDA is that it runs faster compared to the applications written in java since it is specially designed for Windows CE. Lastly, we think that since web services are used while communicating with server, it is not very difficult to develop an additional java application for mobile phones if required.

- On the other hand, we plan to implement server side with java if we manage to handle the communication between GeoMedia and our software. The advantage is being platform independent. It is more important that the server to be platform independent since it achieves the most of the job.