8th Meeting Report

Team Name: CoreTech
Attendees: All Team Members
Meeting Place: Computer Engineering Department, 2nd floor
Meeting Date/Time: 11.04.2006, 20:00 – 23:00

We have advanced on the server side; however, the problem of displaying vector maps on PDA is still a problem for us. Since it is a big risk for the project, currently four of the group members are dealing with this problem. The progress of this week is as below:

- We moved our database to a stationary computer. In this way, there will be single database. Additionally, our admin side will run on any computer with internet connection without a need to configure database. Gradually we will be expanding this database for test scenarios.

- Through the comments of our assistant, Oral Dalay, we added tool tips to the map. When the mouse is over a specific building, the name of the building is show. This improved the usability of the map viewer.

- We have started to build a vector map editor. With the current situation, a user can draw new buildings over an existing map. When the drawing of a building is finished, an input dialog that requests the properties of the buildings is shown. These properties are exactly same as the existing map. When saving this map, a separate file is created. The main structure of the editor has taken its shape. We will improve the editor by adding new features and tools for the management of the map.

- We have successfully executed GIS.NET 1.0 on Visual Studio 2005. At the beginning there was problems with the libraries, it did not even compile. We realized than the libraries were not loaded really because of the wrong paths. With GIS.NET we ran the example that is bundled with the package. We modified it and tried to display map of Metu. However, whatever we tried we could not manage to display it. The problem is not only with metu map, we could not load any of the maps that were taken from GGIT. We think that there is a problem with the coordinates of those maps. We are currently trying to figure out what is the problem. On the other hand, we successfully loaded all the maps including the maps of ESRI.

- Due to reason that GIS.NET has problems while loading the metu problems, we are also inspecting whether we can somehow use ArcPAD. While searching on the internet, we found some methods for calling web services with java script. They do not seem very applicable, however, we will try.