9th Meeting Report

Team Name: CoreTech
Attendees: All Team Members
Meeting Place: Computer Engineering Department, 2nd floor
Meeting Date/Time: 18.04.2006, 20:00 – 23:00

This week we achieved to release the first version of our PDA application program. We had a busy schedule last week due to the fact that we had not achieved what we intended to yet. While Onur and Mustafa focused on GISNET application, the others try to implement a PDA application using raster images.

- First of all, we have created a PDA application that we can show images and doing basic image processing like zooming, panning, etc. However the biggest problem was the communication between server and PDA. PDA has to receive images from server frequently which causes a performance problem and also we need to query our database which was another issue.
- Hopefully, thanks to Mustafa's hard work, we found out why we could not open METU campus map using GISNET application. We found out that METU campus map is designed with respect to metric measures while our default measurement is degree, hour, minute and second. Therefore, our second step was using a map editor to change the measurement of METU campus map into default measurement scale. Finally we achieved to show our METU campus map together with METU roads map in PDA.
- After this progress our process focused on PDA GUI and web service applications.
- Onur implemented the code to zoom map, pan map, focusing on a selected unit and sending the coordinates of a selection to the server.
- Sercan designed and implement the query forms that we will use in our PDA application. He achieved to process data coming from server.
- We have faced with a problem in our database. We had to set up our database from the beginning. Eda constructed a new database which took a lot of effort.
- Olduz worked on web services. We achieved to establish communication between server and PDA. Now, we can only query buildings but it is a matter of time to adding new features for qualifying services

Soon, we will add new features our PDA application, and when we release our final edition we will be reached to our goals we have included in our project design report.