

3rd Meeting Report

Team Name: CoreTech

Attendees: All Team Members

Meeting Place: Computer Engineering Department, 3rd floor

Meeting Date/Time: 7.3.2006, 19:30 - 22:30

- This week we have primarily worked on the implementation. Our main target was vector maps. Since we get the vector maps recently, we had to study on this kind of vector maps to be able to process them.
 - Mehmet made a research on the “shp” format and the structure of this kind of maps. Since it is useless to waste time on trying to parse vector maps from scratch, he looked for available parsers. We decided to use ESRI’s MapObjects tool for java.
 - Mustafa searched for the ways of handling the “shp” format on PDA devices. However, we faced with some problems due to the version of .Net we use. Then we postponed the PDA part in order to be able to build a good server side. Together with Mehmet
 - Eda dealt with the activity database component of the project. She wrote the sql commands of the database according to ER diagram and committed this file. She also improved the server side gui and determined how the communication will be performed between map viewer component and database component.
 - Sercan installed IntelliJ (an IDE for java) and found out how CVS part is used and how CVS operations are performed. For this part, he checked out, committed and updated a dummy project. He investigated the ArcViewer product of ESRI. As a result he decided that we can use it for parsing vector map on PDA side.
 - Onur collected the images which will be used on the server side. He determined the requirements for the prototype regarding our current situation.
- After deciding to use MapObjects for java we used it for parsing the vector map and over it we built up
 - Opening a layer
 - Zooming in/out
 - Navigating

- Extending the application in a way that it can open multiple layers
 - Removing layer
 - Adding search functionality to the map viewer
- We committed the first version of CAMapViewer to CVS.
- All the team members has installed TortoiseCVS and learned how it is used. Also a decision taken in the Tuesday meeting was using the CVS utilities of java IDE's instead of TortoiseCVS while dealing with java codes. We decided in this way because these tools make the job much easier.
- Next week we plan to:
 - Integrate the activity database component to server part
 - Enhance the admin user interface
 - Work on PDA for managing vector maps