CENG 491
Computer Engineering Design

Weekly Progress Report - 3

BUGBUSTERS

20.11.2009

CENG 491 - Weekly Progress Report 3 – Bug Busters

Work Done:

- All members visited TCDD control center and see how current system operates in place.

- Requirement Analysis Report was finished.

- Burkay lookup up for 3d modeling issues and found some related books at library.

- Caner searched for designing web-pages when there are different categories of users (admins, moderators, users) and security (password hashing).

- Çağrı searched about ad-hoc networks (mobile ad-hoc networks, MANET, VANET).

- Işıl looked for Java GUI libraries and APIs, mainly swing but also some alternatives like SWT, Buoy.

- Blog page is updated (Interviews at TCDD and written reports added).

Work to Do:

- GUI APIs Işıl has found will be discussed, considering the advantages and disadvantages of each of them, one will be decided on.

- In light of the information we get while visiting TCDD control center, we will discuss about some design issues of our project and make some needed changes.

- Burkay will search more about 3d modeling, and will found possible solutions to model the railways.

- Caner will search deeper for security constraints, encryption – decryption, sql injection.

- Çağrı will search about GSM-R (Global System for Mobile Communications - Railway) and ERTMS (European Railway Traffic Management System) an electrical engineer at TCDD suggested us.

- Işıl will search about GPS modules which are also suggested by the same engineer.