



MIDDLE EAST TECHNICAL UNIVERSITY
Department of Computer Engineering

Homework # 4

5710546 / 01

- Submit thru *online.metu.edu.tr* by the end of June 6, 2005.
- You are expected to follow the object-oriented approach using encapsulation, polymorphism, abstraction, associations, MVC, event-handling code, etc. as much as possible.

Multi-User Event List

Extend your application that you have developed in Hw#3 to support multiple-client/single-server paradigm where the clients may reside on different computers communicating with the server through RMI (or RMI-IIOP).

Your server is expected to keep track of events (i.e. ‘to-do’s like appointments, meetings, etc.) for the current week only. These will be the common events of a workgroup, and the clients will be the members of the workgroup accessing these common events through your software. With each event, the following information should be associated:

- the name of the originator of the event (like “Joe”, “Mike” etc.)
- the day of week in which the event will take place (like Monday, Tuesday, etc.),
- its start and end time (like 10.30-11.45, 13.00-15.15, etc.) and
- its title (like “Meeting with Joe Black”, “Go to bank”, etc.).

In addition, all the event information should be kept persistent.

Each copy of client should have a GUI through which the user can

- add an event,
- list the events of the week and
- delete an event if the user is the originator of that event.

The server is expected to detect and refuse conflicting events and invalid entries for day and time.