This Week:

- Routine weekly meetings are done.
- Web site regular checks are done.
- We ordered our second choice of LCD, a single color LCD with 128X64 resolutions, from Endikal Electronics in Istanbul. It will be delivered probably in two days.
- Tftp server and cuteom is installed. Connections with AP400 are established. Some of the commands from Madwifi/Atheros Wireless Linux Driver Users Guide are executed. The execution script and result with some interpretation is given in Appendix.
- In addition, we started to discuss the initial design report outline.

Next Week:

Initial design report will be written until 30th November.

<table>
<thead>
<tr>
<th>Staff</th>
<th>Department</th>
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<tbody>
<tr>
<td>Kürsat ÖZER</td>
<td>Staff and archive parts of website will be updated. For initial design report, project modules will be explored.</td>
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<tr>
<td>Gözde KIRDAR</td>
<td>User interface will be designed. Some applications on PIC will be performed with LCD and RS232 capability.</td>
</tr>
<tr>
<td>Emre KOSTUR</td>
<td>Testing procedures will be specified. Some commands, related to project, from Atheros Guide will be tested.</td>
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<tr>
<td>Ümit SIVRI</td>
<td>Related diagrams for initial design report will be drawn.</td>
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**Appendix:**

```
wlan[0,0]-> iwconfig ath0 essid "coss access point"
wlan[0,0]-> iwconfig ath0 key [3]
Error for wireless request "Set Encode" (8B2A):
  SET failed on device ath0 ; Invalid argument.
wlan[0,0]-> iwconfig ath0 key [3] s:sekizlik
wlan[0,0]-> iwconfig ath0 key [3]
wlan[0,0]-> wlanconfig ath0 list
ADDR       AID CHAN RATE RSSI DBM IDLE TXSEQ RXSEQ CAPS ACAPS ERP
STATE     MODE
00:40:96:a6:a4:87   1       11      54M    54     -41    150    367       7392   EPSs              0
27   Normal WME
00:12:f0:79:3d:27   2       11     1M     66      -29    120      7        29216  EPSs      0
27   Normal WME
wlan[0,0]-> iwpriv ath0 get_mode
  ath0  get_mode:11g
wlan[0,0]-> iwpriv ath0 get_hide_ssid
  ath0  get_hide_ssid:0
wlan[0,0]-> iwpriv ath0 hide_ssid 1
wlan[0,0]-> iwpriv ath0 get_hide_ssid
  ath0  get_hide_ssid:1
wlan[0,0]-> iwpriv ath0 hide_ssid 0
wlan[0,0]-> iwpriv ath0 get_hide_ssid
  ath0  get_hide_ssid:0
wlan[0,0]-> iwpriv ath0 roaming
This device doesn't support roaming
wlan[0,0]-> iwpriv ath0 get_roaming
  invalid command : get_roaming
wlan[0,0]-> get acl
  acl: Disable
wlan[0,0]-> get authentication
  authentication: open
wlan[0,0]-> get cipher
  cipher: auto
wlan[0,0]-> get config
  acl: Disable
  authentication: open
  autochannelselect: Enable
  channel: Auto
  cipher: auto
  countrycode: NA
  encryption: Disable
  groupkeyupdate: 600
  ipaddr: 192.168.0.1
  ipmask: 255.255.255.0
  opmode: AP
  pvid: 0
  radiusname: 192.168.0.10
  radiusport: 1812
```
preauthentication: Disable
rate: best
repeater: Disable
ssid: Atheros Wireless Network
vlan: Disable
wlanstate: Enable
Wireless LAN Mode: 11g
jumpstart: Disable
js_password:
keyentrymethod: hex
xr: Disable
coverageclass: 0
chanbw: 0
shortpreamble: Enable
wmm: Enable
wds: Disable
ssidsuppress: Disable
intraVF: Enable
wlan[0,0]-> get countrycode
countrycode: NA
wlan[0,0]-> set countrycode TR
wlan[0,0]-> get countrycode
countrycode: TR
wlan[0,0]-> get opmode
opmode: AP
wlan[0,0]-> get repeater
repeater: Disable
wlan[0,0]-> get ssid
ssid: Atheros Wireless Network
wlan[0,0]-> set ssid "COSS"
br0: port 2(ath0) entering disabled state
wlan[0,0]-> get ssid
ssid: COSS
wlan[0,0]-> get wirelessmode
Wireless LAN Mode: 11g