We present the implementation of a wireless system, where we had to provide special accounts for the service. Those accounts are valid for an previously given time period counted from the first usage of it. We also had to provide other accounts with different restrictions without expiring.

In the presentation we show, how we used the ieee 802.1x authentication and the VLAN technology to reach our purpose. We also provide hints, how we connected this system with our radius server, which is neccessary to maintain a network, how we push the accounts into the sql server under the radius service, and how it helped our requirements.