

# STATUS MEETING REPORT MARCH 18 2003

## What have we done so far since last status meeting...

- Started configuring PyKota for printing quotas.
- Started to find possible net group solutions for LDAP.
- Participated at developer gathering (Feb 21. - Feb 23. at Time high school, Stavanger).
- Started writing about different technologies.
- Installed a network printer in the group room.

## The project so far...

We have decided to try to implement the PyKota quota system. PyKota uses CUPS and makes it possible to store individual printer accounting information for each user. PyKota currently do not have a LDAP backend. It is planned in future versions of PyKota. Jerome Alete, the developer of PyKota, said in a mail that he would be happy to conduct if we decided to make the LDAP backend for PyKota. We have decided that the LDAP backend become a to big task at this time of the project. PyKota is currently using a PostgreSQL database to store quota information for the users. Petter Reinholdsen at Skolelinux said that a PostgreSQL database is need in skolelinux for other tasks also, so we will try to use PostgreSQL as storage backend. Currently we are having problems using the PostgreSQL. We need a way authenticate users in PostgreSQL as the same users that is found in the OpenLDAP directory. This will probably be solved through a PAM module.

We have also decided to try to implement netgroups using NSS and LDAP. We have send some mails about this problems and are currently waiting for answers and searching the net for information.

The two originally planed increments has slightly changed. We are now putting all our time into printing and netgroups. We have also written a requirement specification.

## Time limits...

Some changes have been made to the Gantt-chart. We have set the last day of development and testing to April 28<sup>th</sup>. We will try to document the research we have done so far, parallel to developing.

For further information confront the Gantt-chart.

## About the group...

It is a lot of opinions on what we are going to do in our project by people outside our group. It seems that no one really knows what exactly we should do. It much up to us self to decide.

We have put our minds to two specific tasks, and will use our time on these tasks. We have realized that research is a big part of our project and we are writing down all the technologies we have read and used. The documentation will become very important for the final report. This because the project is more about research and system administration tasks than code developing.

We are looking forward to many long days of documentation and configuration in the following two months...

## Contact with the teaching supervisor...

We have had four meetings with Erik Hjelmås. On this meetings we have briefed him about current status, what we have done since last meeting and our plans for the next weeks. We have also discussed how our main report should include.

Gjøvik March 18, 2003

Ole Martin Dahl