Fall 2006 – Senior Project, Proposal Report

Project Team

Company Name

MigroSoft

Project Members

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Project Name

GÜVERCİN

Project Definition

GÜVERCİN is a unified news server that has the ability of broadcasting the threaded secure messages from/to each of RSS, NNTP, Web and SMTP channels.

Project Scope

The very basic purpose of computer networking is transmitting data between computers. USENET was evolved to serve this purpose even before general public was admitted to the Internet. Users of USENET read and post e-mail like messages to a number of distributed newsgroups. In order to make effective and easy use of USENET from different mediums, protocols and standards like NNTP (Network News Transfer Protocol) or RSS (Rich Site Summary) prospered bringing demand for a news server that handles all these developments alongside.

In this project we aim to serve all mediums that are connected to a news server. GÜVERCİN is a comprehensive all-in-one product meeting the requirements, complying with NNTP, SMTP, WWW and RSS.

Project Description

Some utilities of the GÜVERCİN are

- **RSS Extension Module** - efficiently passing on multiple news feeds to downstream news server software.
- **Web Server Extension Module** - for easy-access to the created local or public newsgroups directly from the web pages.
- **E-mail Lists Extension Module -** for a wide-access to the news server using the e-mail lists.
- **NNTP Extension Module -** for reading/posting your articles by using the newsreader software.
- A web-based management GUI and a Windows-based management GUI which allows user to remotely manage almost all aspects of the news server.
- Well-organized database for shortening the time period for searching among the newsgroup items.
- Complete control of building your own public or private discussion newsgroups.

Team Organization

There are five people in our team having the same level of knowledge of software engineering and the project topic. Having a democratic decentralized team organization will provide us flexibility and high moral satisfaction. Since modularity is our main concern, there may be groups of two or three people to share the burden of some modules. There will not be a permanent task coordinator. Instead of that, the leader will be chosen according to the tendency he/she has to the topic.

We will strictly obey to the ground rules we decided in order to work efficiently.

Ground Rules

- ✓ The project team will meet twice in a week; first meeting will be held on Monday afternoon and the second on Saturday morning just after the meeting with our supervisor.
- ✓ Unless an acceptable reason is declared, missing the meeting will not be tolerated.
- ✓ Late attendance to the meetings will not be tolerated.
- ✓ Each member should attend to the meetings well-prepared.
- ✓ On Monday meetings, weekly project tasks of each individual will be decided, furthermore if a task requires group work, the structure of the group(s) will be arranged.
- ✓ On Saturday meetings, each member will inform the others about his/her weekly assignment. The divided tasks of that week will also be compiled in this meeting.
- ✓ At the end of each Saturday meeting, agenda of the next week will be decided.
- ✓ In each meeting, the minutes will be taken by recorder.